

*The*

# CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 2887  
VOL. CXXII

JUNE 8, 1935

Annual Subscription (with  
Diary) 20/- Single Copies 9d.

**SALICIN B.P.**  
FOR INFLUENZA

AMPLE SUPPLIES AVAILABLE TO MEET GROWING DEMAND

**ALKALOIDS**

Goods covered by  
Dangerous Drugs Acts offered  
subject to all regulations

**FINE  
CHEMICALS**

**EDINBURGH**

Blandfield Works

**OPIUM  
DERIVATIVES**

**GLASGOW**

32-4 Virginia Street

**LONDON**

25 Christopher Street, E.C.2

**T. & H. SMITH**  
LIMITED

# Spontex advertising

Powerful advertisements in "Punch," "Britannia & Eve," "Good Housekeeping" and "Woman & Home" will create a Nation-wide demand for "Spontex"—the New Cellulose Sponge. "Spontex" is unique and will appeal instantly to the public by virtue of its wonderful qualities. We advise taking an adequate stock to be ready for this new business. Send direct or through usual wholesaler for full particulars of this attractive, hygienic and long lasting sponge.



- Be ready for "SPONTEX" Advertisements in these powerful business bringing publications.

SPONCEL LTD., WOLDHAM ROAD, BROMLEY, KENT.

# Tell your customers...

that HOUBIGANT Preparations  
bought from you are identical with  
those they could buy in PARIS...

*In fact :*

**1°** - all HOUBIGANT Preparations  
come direct from FRANCE ;

**2°** - all HOUBIGANT Preparations  
are manufactured exclusively at  
NEUILLY-sur-SEINE, near PARIS,  
under the watchful eyes and the  
personal supervision of their creators ;

**3°** - they are sold with the guarantee  
of a perfect and unchanging quality  
which is always standard.

And, to co-operate with you,  
a powerful National Advertising  
Campaign, full pages only,  
is running in :

VOGUE, SKETCH, TATLER  
BRITANNIA & EVE, EVERYWOMAN'S, NASH'S  
GOOD HOUSEKEEPING, WOMAN & HOME  
WOMAN & BEAUTY, PICTUREGOER, FILM WEEKLY



## HOUBIGANT

HOUBIGANT Preparations are obtainable  
from your usual Wholesaler, or direct from

PARFUMERIE HOUBIGANT  
19, RUE DU FAUBOURG SAINT-HONORÉ, PARIS

THE PERFUMERY MARKETING C°.

Princes House  
190, PICCADILLY, LONDON

will be pleased to reply to any enquiry.

# **BIGGER PUBLICITY than ever!** **ANOTHER DAILY MAIL Full Page** *for* **BRYLCREEM**



The  
favourite  
that keeps  
ahead  
unruffled

And  
is always good  
for a  
Brilliant  
Finish

Our policy is to take advantage of every opportunity to bring BRYLCREEM before the masses. Our FULL PAGE in the Daily Mail on Derby Day is an instance of the increased advertising support we are giving the trade. No other hair dressing to-day has anything like the volume of advertising support behind it.

*It pays to display*

# **BRYLCREEM**

*The Perfect Hair Dressing*

The County Perfumery Co., North Circular Road, Twyford Abbey, London, N.W. 10

**70%**  
PROFIT  
ON  
OUTLAY

**SUNSHINE BRINGS**

**BIG PROFITS IF**

**COLLOSOL**

**LACTOCALAMINE**

**IS DISPLAYED**



Supported by an  
attractive two colour  
Aluminium showcard,  
size 8" x 6", Collosol

Lactocalamine is a real Summer line.  
Neatly packed in 4oz. bottles at 1/6d.



**THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, LONDON, N.W.10.**

IMPORTANT NOTICE

*R. J. Reuter Compy Ltd.*

SOLE CONCESSIONAIRES FOR GREAT BRITAIN AND IRELAND FOR  
"4711" GENUINE EAU DE COLOGNE, PERFUMERY AND BEAUTY AIDS

69 Carter Lane, London, E.C.4

Telegrams :

For Slough : Refreshing Slough  
For London : Refreshing Cent London

Telephone :

Slough No.: 1041/2 Slough  
London No.: City 4887/8

NEW ADDRESS

TO cope with our increasing business, and in order to facilitate the prompt and efficient despatch of all orders for "4711" Eau de Cologne, Perfumery and Beauty Aids, R. J. Reuter Compy Ltd. give notice of the removal of their Head Office and Distributing Warehouse to

**BEDFORD AVENUE  
SLOUGH - - BUCKS**

On and after JUNE 9th, 1935, all orders and communications should therefore be addressed to the new offices and warehouse at Slough. The premises are new and up-to-date and have been specially laid out for the work, to ensure the most efficient attention possible to all the business.

**Showroom and Buying Office.** For the convenience of our Provincial and London customers we are maintaining our Showrooms at 69 CARTER LANE, LONDON, E.C.4.

We take this opportunity of thanking all our friends for their favours in the past, and to assure them that our reorganisation at our new address will greatly facilitate prompt service in the future.

**Arrangements have been made for any urgent post orders, or small counter orders for London, to be supplied as heretofore from 69 Carter Lane, London, E.C.4**

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**Staff Allen's EXTRACTS**  
SOLID & LIQUID

Ext. Cascara Sagrada.  
Ext. Belladon.  
Ext. Hyoscyami.  
Ext. Damianæ



**STAFFORD ALLEN & SONS LTD**  
(Est. 1833)  
COWPER STREET, FINSBURY, E.C.2

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The season's **BEST** seller—

# 'REMOGEN'

## Vitamin Caramels

Halibut Liver Oil — Glucose — Malt Extract

*These Caramels, besides being luscious and engaging, have an authoritative food value.*

*The Public want and will ask you for them.*

**DON'T FAIL YOUR CUSTOMER.**

For all particulars stick your label on the attached coupon and post to:

**C. TOLKIEN & CO. LIMITED**

MALT EXTRACT MANUFACTURERS  
SILSDEN • YORKS.

**COUPON**

Please send me all particulars of  
**REMOGEN VITAMIN  
CARAMELS**



# When a traveller talks 'big advertising' . . .

'Big advertising' is a vague term. If you are expected to stock and display a line day after day you need really big advertising day after day. That's only reasonable. If the traveller can assure you of regular advertising to 2,400,000 families seven days a week in "The RADIO TIMES" he is justified in talking big and you are safe in stocking. Tackle him on that point!

# ask him if he means The RADIO TIMES

**"I always judge a store by the reliability and promptness of its deliveries!"**



**THAT'S HOW THE SMART-LOOKING RALEIGH WINS CUSTOM!**

Remember the onus of any transaction rests with you until the goods are delivered. That's where the Raleigh helps. Raleigh deliveries are reliable, *punctual* deliveries. Economical too. It's the extra-quality in Raleigh materials—the extra heavy enamelling

and finish—that accounts for their long life and smart appearance—that makes them a virile advertisement wherever they are seen. It's as important to specify RALEIGH Carriers as it is to buy your stock competitively and keenly.

**LOW GRAVITY CARRIER**

**£6 . 19 . 6 (Cash)**

or 12 monthly payment of 14/- (no deposit) (22" Frame). Specially designed for carrying heavy or bulky loads without skidding—20" front wheel and larger basket fitment. An instantly operated stand built into the carrier is an important feature. Every Raleigh Carrier Cycle has the finest equipment, BROOKS' SADDLE, DUNLOP TYRES, etc.

**STANDARD CARRIER**

(22" Frame). At the same price and terms. Basket can be supplied at extra charge of 7/6.

**RALEIGH**  
THE ALL-STEEL BICYCLE

THE RALEIGH CYCLE CO. LTD., NOTTINGHAM. Depots and Agents everywhere.

# MORE and MORE MOORLANDS



There are reasons for the continuous growing demand on the part of the public for Moorland Brand Indigestion Tablets. Moorlands are effective, taste like sweets and are reasonably priced. Thousands of free sample tins are being distributed to applicants throughout the country.

**Our advertising is always being extended to still further popularise Moorlands.**

Due to the cumulative effect of constant recommendation and consistent advertising, MOORLANDS are in greater demand than ever. Moreover, no other 7½d. nationally advertised article sells in such quantity as MOORLANDS and yields anything approaching the same percentage of profit.

Keep MOORLANDS well displayed and take your share of this increased demand for more and more MOORLANDS.

*The Public will have*

**MOORLAND**  
BRAND  
INDIGESTION TABLETS

**W. B. CARTWRIGHT, LTD., Rawdon, Leeds**

Adelaide Grey



THE BOND STREET BEAUTY SPECIALIST  
SAYS  
LALEEK BEAUTY PREPARATIONS  
BRING RISING SALES & INCREASED PROFITS

Loleek soles are soaring higher and higher . . . Loleek profits are growing bigger and bigger. Chemists all over the country are proving this week after week. Loleek offers a complete range of medically-approved beauty aids, covering all requirements and priced to suit all purses. A nation-wide advertising campaign is introducing these preparations to **2 MILLION PEOPLE EVERY MONTH**. Get your share of this profitable business—write for details today.

ADELAIDE GREY *Beauty Specialist*  
27, OLD BOND ST, LONDON, W.1.



LALEEK-  
USED BY  
ROYALTY

**ZON**

(TRADE MARK)

SUNBATHING OIL

is a sure protection against sun blistering. Easy seller. Quick repeats. Well Advertised. Recommended by the Medical Profession.

Prices 1/6 and 2/9

Liberal Trade Terms.

Good Window Displays.

ZON LABORATORIES 137 GLENELDON ROAD, LONDON, S.W.16

WE CAN HELP YOU

in furnishing you with Surgical and other sundries to give a high average profit!

Enquiries will receive our prompt expert attention

**REYNOLDS & BRANSON Ltd., 13 Briggate, LEEDS 1**

Telegrams: REYNOLDS Leeds Telephone: Leeds 20046



IN BULK OR  
READY PACKED  
IN 1½ OZ. & 8 OZ. POTS

A DELIGHTFUL TOILET CREAM  
UNDER YOUR OWN NAME

"Ceraton" is a new "all-purposes" non-greasy, antiseptic toilet cream made from an entirely new base. It is supplied either in bulk (perfumed or unperfumed) for re-packing, or in dainty glass jars, 1½ oz. or 8 oz., under "Ceraton" label or blank for chemist's own name. Prices and sample jar free on request.

TRAGASOL PRODUCTS Ltd., HOOTON, WIRRAL, Cheshire

A NEW  
SALES ATTRACTION

THE NEW  
**'DAWN'**  
RAVEL-PROOF (Regd.)  
FACE CLOTH  
DISPLAY OUTER



"Dawn" Ravel-proof face cloths are of course in a class by themselves. Your customers appreciate their soft and durable qualities, and know they retain their shape and never get slimy. They are available in a variety of delicate pastel shades which have an immediate feminine appeal. The new display outer, holding one dozen, is most attractive and will definitely increase your sales of this popular line. Colourful, yet neat, it takes up little room on your counter, and ensures those EXTRA sales which mean so much.

They retail at 6d. and carry a good profit. Your usual wholesaler can supply you. Order a trial supply with your next order.



105/107 Princess St., MANCHESTER

London Agent: G. H. Bolton, 28 Falcon Sq., Aldersgate St., E.C.1



REID'S  
**Bamyl** REGD.  
PINE TAR  
SHAVING  
SOAP

& TOILET PRODUCTS

Plain and  
Mentholated

They are different—  
try them

PROFIT  
MARGIN  
33 1/3%

SELLING PRICES	
B	Shaving Stick (Bakelite Container) 1/-
A	Shaving Stick (Cardboard Refill) 9d.
M	Shaving Stick "JUNIOR" 6d.
Y	Toilet Skin Soap (per tablet) 6d.
Sole Makers:	
B	Shaving Cream (Tube) 1/-
A	Liquid Shampoo (non spirit) 1/-
M	Display Cases Showcards Pamphlets Samples
Y	Est. 1868

THOMAS REID & Sons Ltd., GLASGOW

# Women were waiting for this . . .

## MODERN PERFUMES with *Eau de Cologne's*

*own blessings!*

**Daily Mail**

STANDING PAGES  
SUNDAY EDITION  
LONDON MANCHESTER PARIS

LIGHTS UP 10.45 P.M.  
FOR KING AND EMPIRE  
FRIDAY, JUNE 14, 1935  
BROADCASTING PAGE 17  
NO. 12,354  
ONE PENNY

PEGGY  
OMMEL'S  
OWN STORY

4711

Refreshingly new — FASHION ADOPTS  
TWO ENTRANCING NEW Perfumes  
with *Eau de Cologne's* own blissful benefits!



"Tosca's true to my type!"  
Paris has only praise for this modern perfume with the sweet, restoring solace you have always found in "4711". Berlin, Vienna and Buenos Aires have given their blessings too! Now it is London's turn to make friends with Tosca—and Tosca is not shy! Tosca does not long at romance—she is more the type of perfume that proclaims "I am". Tosca is at ease with soft lights and sweet music. Be the first, fortunate one to boast Tosca's double charm—a perfume that brings loveliness, banishes heart-aches.

"RHINEGOLD'S DIVINELY RIGHT!"  
New York has fallen under the spell! Hollywood has taken it to her heart—this irresistible perfume blessed with *Eau de Cologne's* own cool, refreshing magic! Rhinegold is quiet—restrained. Rhinegold is like soft, clear, northern sunshine. Rhinegold hums at the open air as much as of the evening. Be the fashion—first to claim Rhinegold as your own pet, particular perfume. This little modern miracle—golden, gracious Rhinegold, loveliest of perfumes—blessower of beauty, restorer of charm!

**Tosca**  
EAU DE COLOGNE  
Small handbag bottle 1/3  
Bottles with gilt screw  
cap from 2/6 and 4.6  
up to 15/-  
Wicker-covered bottles  
from 4/- to 20/-

**Rhinegold**  
EAU DE COLOGNE  
Small handbag bottle 1/3  
Tall square bottles from  
2/9 and 5/- up to 25/-  
Wicker-covered bottles  
from 9/- and 17/-

"Tosca" is an exotic, southern perfume—"Rhinegold" is more restrained—but both have *Eau de Cologne's* own sweet restoring solace. Prices are so low that all women will be able to indulge in this new vogue.

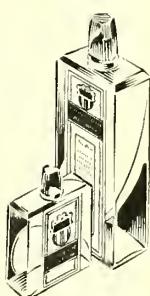
Look out for your "DAILY MAIL" on  
JUNE 14<sup>th</sup>—this Tosca and Rhinegold  
Eaux de Cologne advertisement  
begins the great campaign!



TOSCA EAU DE COLOGNE  
RETAIL PRICES  
Small handbag bottle 1/3  
Bottles with gilt screw  
cap from 2/6 and 4.6  
up to 15/-  
Wicker-covered bottles  
from 4/- to 20/-



RHINEGOLD EAU DE COLOGNE  
RETAIL PRICES  
Small handbag bottle  
1/6  
Tall square bottles from  
2/9 and 5/- up to 25/-  
Wicker-covered bottles  
from 9/- and 17/-



BEDFORD AVENUE • SLOUGH, BUCKS

*Increased Advertising  
means Increased Sales &  
Increased Profit for You*

# NUFIX

Tonic Dressing for Men's Hair

is being extensively advertised in the National press and journals that men read, and the amazing increase in sales is ample assurance that there is an ever-increasing demand. Keep stocks up and display on our new stands and get your share in the increasing business.

Remember "NUFIX" has unique qualities appealing to discriminating purchasers. "NUFIX" retains its freshness and invigorating hair tonic properties indefinitely. "NUFIX" is easily poured, whatever the climatic conditions. "NUFIX" does not soil bed linen or headwear. Fixes without hardness or deposit and contains no gum.

Showcards, display stands, etc., supplied with all orders.

Small size, 9/- per doz.; Retail at 1/3; Large size, 12/6 per doz.; Retail at 1.9.  
Miniature, 4/6 per doz.; Retail at 6d. 3 doz. at 4/3 per doz.; 6 doz. at 4/- per doz.

Carriage paid 3 doz. lots.

From usual wholesaler.



Manufacturers : WALDEN, WALDEN & CO., 15 Grape Street, London, W.C.2

**YOU will increase Profits  
by stocking  
AZIAIDÉ**

The many thousands of stockists, who previously profited by the great popularity of Aziadé Perfume Compact, will welcome the return of this consistently best-selling line. Aziadé re-enters the perfume field, backed by extensive advertising in all the most important women's journals. Sales will follow, INEVITABLY — BIG SALES — PROFITABLE SALES for every stockist who gives Aziadé prominent window and counter display.

Order now from your wholesaler and link up with Aziadé advertising now appearing in women's periodicals totalling over 5,000,000 circulation.



Sold at 1/6 in attractive dozen boxes at 12/- nett (also smaller size at 8/- per box of dozen, retailed at 1/- each nett). Boxes may be assorted in combining a dozen boxes of different scents, e.g. Lily, Jasmin, Lavender, Rose, Sweet Pea, Lily of the Valley, Mimosa, Carnation, Gardenia, Violet, Orange, Narcissus, Wallflower, Chypre, Heliotrope, etc.

**Book your order NOW**

**AZIAIDÉ**

PERFUME IN ITS MOST CONVENIENT FORM

AZIAIDÉ LTD., 172 BUCKINGHAM PALACE ROAD, LONDON, S.W.1

ADVERTISING  
NOW RUNNING  
IN ALL THE  
LEADING  
WOMEN'S  
JOURNALS

**The Public are Calling  
for  
PETAL DUST**

"Wherein the subtle savour of the Flowers  
sublimely dwells."

**THE GREAT FLORAL AIR PURIFIER**

*A Trial will convince you that —*

**PETAL DUST**, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

**PETAL DUST**, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

**Retails in packets at 4d. and 8d. each.**

Attractive Advertising matter free on request.

Obtainable through all the usual Wholesale Houses or  
from Sole Producers :—

**The Rosmarine Manufacturing Co.**  
LONDON, S.E.1.

**JUNE 3**  
YOUR GOLDEN OPPORTUNITY

Lies between  
these dates

**CASH PRIZES £165**

(Two Separate Sections—Chemists & Hairdressers)

**Consolation Prizes  
to the value of over £500**

*Every entrant sending in a photograph  
receives a free parcel worth 10/6*

Brylcreem is a P.A.T.A. line and your profits are safe-  
guarded to the utmost of our ability.

**Do it NOW!**  
THIS IS YOUR LAST CHANCE  
TO WIN A BIG CASH PRIZE IN  
THE **BRYLCREEM**  
**BIG WINDOW DISPLAY  
COMPETITION**

**JULY 3**

NO ENTRY FORM IS REQUIRED  
simply send in your Display photograph




The Ideal LASTEX ANKLE SUPPORT  
@ 20/- doz. Retail 2/6 each.

# SOLPORT

BROTHERS LIMITED

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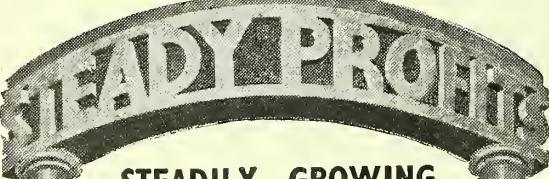


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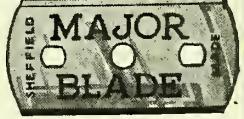
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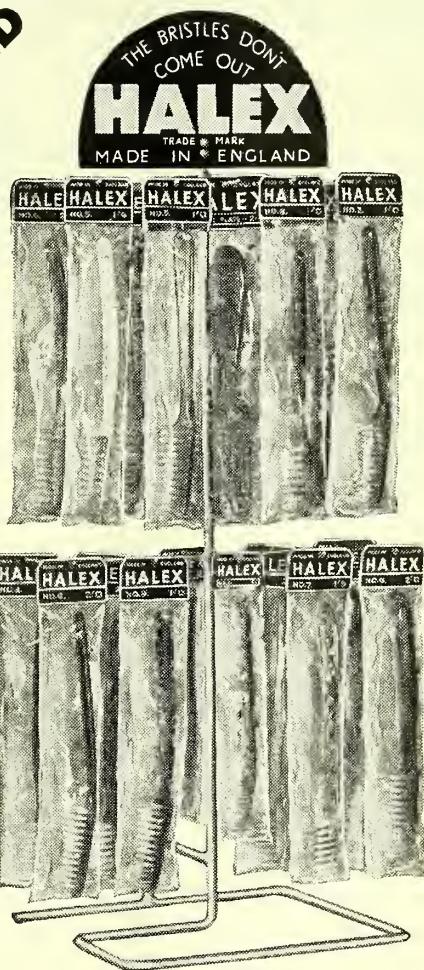
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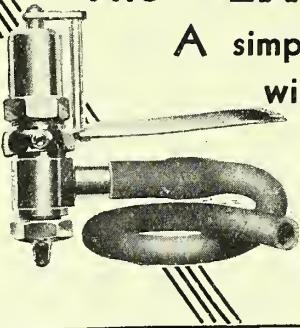
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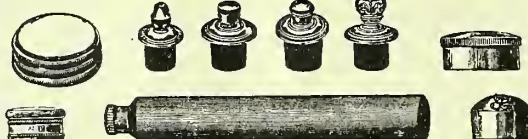
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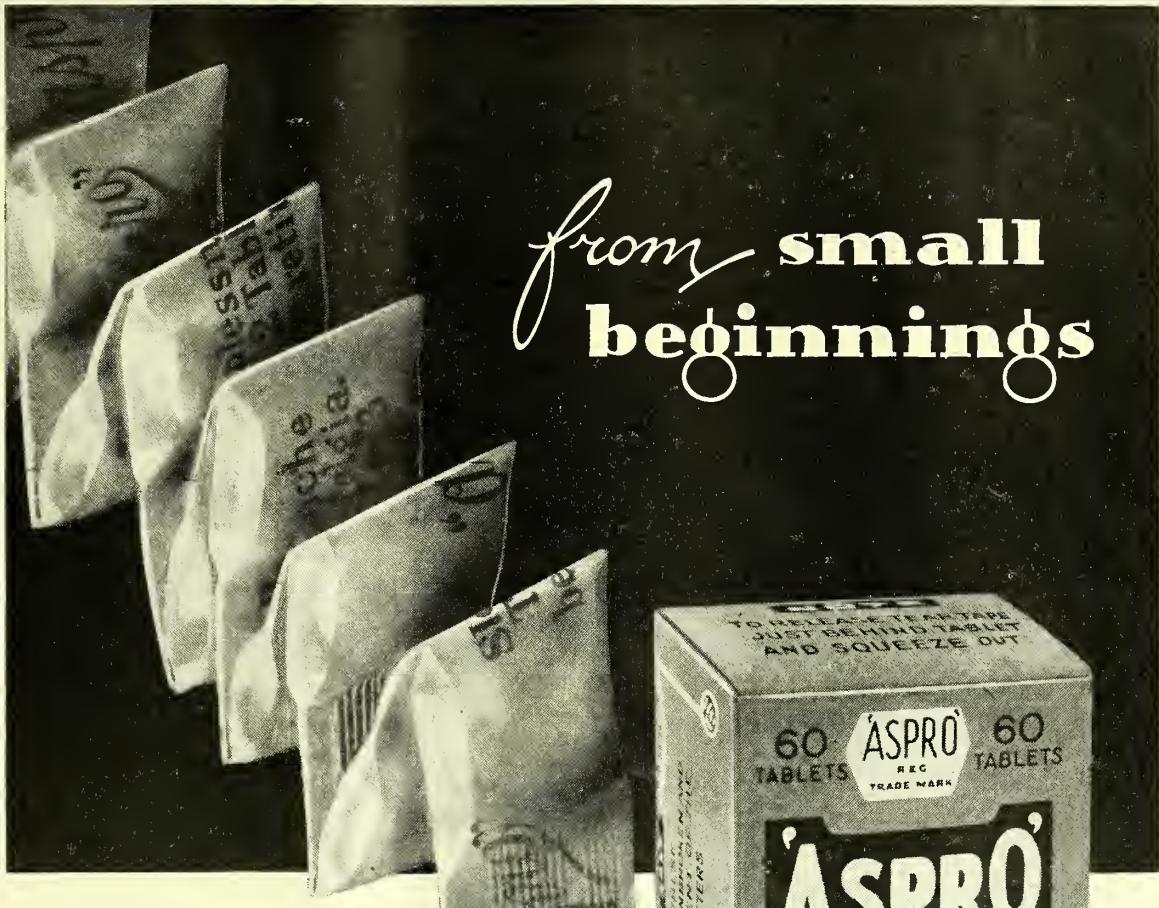
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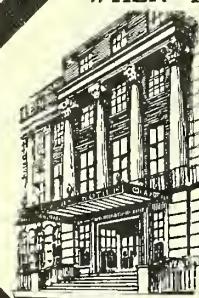
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A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,  
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The Chemists' and Druggists' Society of Ireland, and of  
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VOL. 122. NO. 2887

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## News of the Week

### Import Duties Advisory Committee Notice

The Committee announce that they have decided not to make any recommendation in respect of the application previously advertised for a reduction of the import duty on primary battery air depolarising carbon blocks.

### Additional Import Duties

The Treasury have issued the following Orders imposing additional duties under the Import Duties Act, 1932:—

Additional Import Duties (No. 18) Order, 1935, imposing a duty on hair clippers at the rate of 8d. per clipper or 20 per cent. of the value of the goods, whichever is the greater, and also on component parts of hair clippers, as follows:—Cutting plates, 3d. per plate; levers, 1d. per lever or lever blank (2d. per pair), or 20 per cent. of the value of the goods, whichever is the greater, in each case.

Additional Import Duties (No. 15) Order, 1935, increasing to 33½ per cent. the duty on SPECTACLES AND GOGGLES (without protective side shields), eye-glasses and monocles, and frames and mountings therefor.

### Nutrition Advisory Committee

The Minister of Health and the Secretary of State for Scotland have appointed an Advisory Committee with the following terms of reference:—"To inquire into the facts, quantitative and qualitative, in relation to the diet of the people, and to report as to any changes therein which appear desirable in the light of modern advances in the knowledge of nutrition." The members of the Committee are:—Lord Luke (chairman), Mrs. Eleanor Barton, Mr. J. N. Beckett, Dr. G. F. Buchan, Professor E. P. Cathcart, M.D., Mr. R. R. Enfield, Dr. J. Alison Glover, Dr. J. M. Hamill, Dr. A. Bradford Hill, Sir F. Gowland Hopkins, D.Sc., Dr. Donald Hunter, Professor E. Mellanby, M.D., Sir John Boyd Orr, M.D., Mr.

E. C. Ramsbottom, Mr. J. M. Vallance, Mrs. Chalmers Watson, M.D., Mr. J. R. Willis, and Mr. E. H. T. Wiltshire. The secretaries of the Committee are Mr. W. J. Peete, of the Ministry of Health, London, S.W.1 (to whom all communications on the subject should be addressed); Mr. N. F. McNicoll, of the Department of Health for Scotland; and Dr. H. E. Magee, of the Ministry of Health (medical secretary).

### Federated Multiple Shop Proprietors

An organisation has been formed known as the Federated Multiple Shop Proprietors. Lord Trent has been elected president. The membership comprises already over 100 concerns who between them have over 30,000 branch establishments. The vice-presidents include Sir Montague Burton; Mr. Guy Collier; Mr. Colin Cooper; Mr. J. E. Greenwood; Viscount Hambleden; Mr. Philip E. Hill; Sir Benjamin Johnson; Mr. J. H. Maggs; Sir James Martin; Mr. Austin Reed; Mr. I. M. Sieff; Mr. W. L. Stephenson; Mr. J. R. Upson. The following constitute the first Executive Council:—Mr. Alexander Greig (Allied Suppliers, Ltd.) (chairman); Mr. A. E. Burdett (Fuller's, Ltd.); Mr. Frank Eastman (Associated Dyers & Cleaners, Ltd.); Mr. A. J. Esley (Timothy Whites & Taylors, Ltd.); Mr. Eric Fisher (The Victoria Wine Co., Ltd.); Mr. C. H. Hubbard (F. W. Woolworth & Co., Ltd.); Colonel E. W. Lennard (Lennards, Ltd.); Mr. J. D. Maynard (Maynards, Ltd.); Mr. E. J. Meaker (Meakers, Ltd.); Mr. Frank W. Panther (Freeman, Hardy & Willis, Ltd.); Mr. F. G. Pearce (The International Tea Co.'s Stores, Ltd.); Mr. A. H. Plummer (MacFisheries, Ltd.); Mr. Howard S. Salmon (J. Salmon & Sons, Ltd.); Mr. Sidney Saunders (James Walker, Goldsmith & Silversmith, Ltd.); Mr. E. W. Seymour (W. H. Smith & Son, Ltd.); Mr. F. E. Still (United Dairies, Ltd.). The secretary is Mr. B. G. Arthur, M.B.E., 69-73 Cannon Street, London, E.C.4.

### Inquests

An inquest was concluded in Birmingham, on June 4, on the body of William Illingworth, Etwall Road, Hall Green. It was stated that after being found unconscious on the floor of his bedroom Illingworth was removed to the Selly Oak hospital, where he died without recovering consciousness. Mr. Donald J. Rushton, chemist and druggist, of Rushton's Pharmacies, Birmingham, said that Illingworth purchased, on a doctor's prescription, a carton containing twelve tablets of a drug the name of which was not disclosed, and witness told him not to take more than one at night. Witness stamped the name and address of the shop on the carton, it was entered in the poisons book and Illingworth signed in compliance with the regulations. Some days later witness made a second sale of the drug to the man, who said that he wanted it to send to his wife. If Illingworth had not told him that and he had not known the man's wife, witness would not have given him a further supply, as he knew that there were still nine tablets left from the first supply. Asked by the coroner whether he considered that the sale of such a poison, which had to be signed for, was a personal sale or one which could be transferred or sold to a third person, witness said that he knew it was a "personal sale." Illingworth signed on both occasions, and, witness added, he was rather under the impression that the remainder of the first supply had been sent to Mrs. Illingworth, whom he had known for many years. The Coroner: It is another Regulation that the carton must be marked with the name and address of the vendor? Did you mark this carton? Witness replied that it was done with a rubber stamp. The coroner handed the carton to the jury for inspection; the foreman remarked that the stamp and the mark made on the carton did not coincide and that the lettering was absolutely illegible. The manager of the Rushton's Pharmacies Stratford Road shop said that he undertook the second sale of the drug to Illingworth, and did so on his own authority. Evidence on the character of the drug was given by Professor K. D. Wilkinson, M.D., Professor of Therapeutics at Birmingham University. He said that it was being used extensively, and that its use, as a means of inducing sleep, was tending to increase. He considered it was a breach of the Regulations for Illingworth to have been able to purchase some of the tablets merely by saying he wanted to send it to a third party, whether that person was his wife or not. The Professor continued: "I should like to see the Regulations tightened up to prevent a chemist supplying more than three doses of this drug at a time, except where a doctor's prescription states a larger quantity. At the present moment any person can obtain this drug from a chemist, providing they look respectable enough or the chemist knows them personally." In answer to the coroner, witness said he did not think it advisable to advertise the name of the drug, as it was dangerous for it to be sold to the public without proper control. Last year there were thirty-two deaths from barbiturates, twelve by misadventure and twenty suicides. An estimated amount of 2 gr. of the drug was found during the *post-mortem* examination in Illingworth's brain, and the usual dose was 1½ gr. He had probably taken from seven to ten tablets. In his summing up the coroner said: "There has been a breach of the Regulations on the part of the chemist who supplied this drug. In view of the expert evidence of the professor that he thinks these Regulations should be tightened up, it is essential that what Regulations there are at present should be observed and carried out to the letter. My officer has had a great deal of trouble in tracing the source from which this man obtained the drug. I have no doubt that the chemist will be dealt with in another way." The jury returned a verdict of "Suicide while of unsound mind," censured the chemist who had supplied the deceased, and added a rider calling for a stricter control over the supply of drugs of that type to the public.

### London

At Old Street Police Court, London, on June 5, James C. Browning (23) was bound over on a charge of stealing soap and other goods, value £7 16s., the property of his employers, W. Sutton & Co., Druggists Sundries (London), Ltd., Chiswell Street, E.C.2. Robert Browning (19) and William Warren (19) were bound over on similar charges.

The following officers have been elected by the South-West London Chemists' Association and Branches for the ensuing year:—President, Mr. H. G. Tibbett (C. & D., June 1, p. 653);

Vice-Presidents, Mr. P. H. Woodnoth and Mr. E. N. Browne; Treasurer, Mr. J. T. Hope Evans; General Secretary, Mr. H. R. Edgecombe, 77 Atlantic Road, S.W.9; Social Secretary, Mr. P. H. Woodnoth; Sports Secretary, Mr. W. Atkinson; Trade Secretary, Mr. T. James; Branch Employment Agency Secretary, Mr. E. N. Browne; Council, Mrs. Browne, Messrs. W. Atkinson, Begg, Browne, Edgecombe, Evans, Inglis, T. James, Peasall, D. A. Rees, Shakerley, Skues, Tibbett, Usher, Wells, Woodnoth; *ex officio*, Messrs. Keall and Sparks.

The annual joint meeting of the Western Pharmacists' Association and the West London Branch of the Pharmaceutical Society was held on May 29 at Stewart's Restaurant, Old Bond Street, W.1, Mr. David T. Jones (president of the Association and chairman of the Branch) presiding. Mr. P. D. Goodwin, in his report as secretary, reviewed the work of a successful year and mentioned that the meetings had been well attended. Mr. Clifford Evans (social secretary) reported on the successful social functions. Mr. W. E. D. Shirtliff (treasurer) presented the balance sheet for 1934-35, which he thought very satisfactory. Messrs. W. Wilkinson and R. E. Lownsborough (auditors) were awarded a hearty vote of thanks. There were five vacancies on the committee and six nominations. The result of the election was that the four retiring members were re-elected and a new member, Mr. Frank Noble, was elected. Four new members were elected to the Association. A hearty vote of thanks was accorded to the officers for the work done by them during the past session.

### Manchester

At an executive meeting of the Manchester, Salford and District Branch of the Pharmaceutical Society, held on May 30, the officers were all re-elected (Chairman, J. H. Franklin; Vice-Chairman, H. Brindle; Treasurer, W. I. Scholes; Secretary, T. Miller).

Twenty-five members of the Manchester Pharmaceutical Association Lawn Tennis Club competed for the silver cup and replicas presented by James Woolley Sons & Co., Ltd. Miss J. Whittington and Mr. Beilby won the final on May 22. The Cupal cup will be contested on June 19 at Platt Fields.

### Morecambe

The annual meeting of the Lancaster, Morecambe and District Branch of the Pharmaceutical Society was held at Morecambe on May 29. The chair was taken by the retiring president, Mr. A. Knowles (Morecambe). The treasurer reported a balance in hand of £5 4s., and was instructed to forward a donation of £2 2s. to the Society's Benevolent Fund. The following officers were elected for the ensuing year:—President, Mr. A. D. Fox (Lancaster); Vice-President, Mr. J. H. Meadowcroft (Morecambe); Secretary and Treasurer, Mr. W. A. Smith (Lancaster); Committee, Messrs. A. H. Robertson, A. Bate, J.P., F. Hindle and C. E. Marriott (Lancaster), H. B. Haigh, A. Knowles, W. Tomlinson and W. C. Eastwood (Morecambe); Auditors, Messrs. C. T. Spenceley and H. Lewty (Lancaster). The meeting was addressed by Mr. E. H. Simmons (a member of the Society's Council). The address comprised a review of the recent activities of the Council and a brief survey of recent happenings of general interest to pharmacists. Mr. Simmons referred to territorial representation, the Pharmacy and Poisons Act, the Poisons Board, the Statutory Committee, limitation of apprentices and public medical schemes. In the discussion which followed Mr. J. Birkett said he thought the pharmacist of to-day was far too dependent on the manufacturer for his galenicals and pharmaceutical preparations. The apprentice of to-day was developing into a salesman only, and more attention should be given to the manufacturing side of pharmacy. Mr. A. H. Robertson asked for further information on the subject of representation in the House of Commons. Mr. Simmons, replying, said that no definite scheme had yet been formed. The meeting closed with a cordial vote of thanks to the speaker and to the chairman.

### Miscellaneous

GOLF COMPETITION.—The "Allenburys" golf competition (Midland chemists) was competed for at Sickleholme golf course, Bamford, Derbyshire, on May 30. The winner was Mr. Naylor, of Barnsley.

EASTBOURNE.—A meeting of the Pharmacists' Association was held recently. In the absence of the president Mr. Arthur

Moss took the chair. Mr. George Checkley gave an interesting talk on "Poison Gases and How to Combat Them." The success of a gas attack, he said, was largely dependent upon the element of surprise and prevailing winds, and the method would in all probability continue to be used in warfare.

**STAFF GARDEN PARTY.**—The annual garden party associated with the staff of Burroughs Wellcome & Co. was held as usual in the grounds of the Wellcome Club and Institute at Dartford on June 1. More than 600 members of the staff and friends were present, including Mr. G. E. Pearson (general manager), Dr. Jowett (works manager) and Mrs. Jowett, who distributed the prizes. The sporting events commenced at 2.45 p.m. and continued during the afternoon. The events included a putting match between teams from the Wellcome Chemical Works, head offices and Wellcome Physiological Research Laboratories; the Wellcome Physiological Research Laboratories' team were the winners. During the evening a concert was given on the croquet lawn by a party of West End artists. Later on there was a whist drive, and dancing took place on the lawn. The festivities terminated with a display of fireworks.

## Irish Notes

### I.F.S. Therapeutic Substances Act

The Minister for Local Government in the Irish Free State has made Regulations fixing the following fees under the Therapeutic Substances Act, 1932:—(1) In respect of a manufacturer's licence £4, with the addition of £1 for each therapeutic substance specified therein. (2) In respect of an import licence £5s., with the addition of 5s. for each therapeutic substance specified therein. (3) In respect of a research licence £5s., with the addition of 5s. for each therapeutic substance specified therein.

### N.H.I. Estimates in Northern Ireland

Introducing the Ministry of Labour estimates in the Parliament of Northern Ireland, on May 30, Mr. Andrews, the Minister of Labour, said there were 500 doctors and 433 chemists co-operating with the Department in providing medical service and medicines. It was particularly gratifying that there had been a complete absence of friction in the provision of this service. There were 370,000 persons within the National Health Insurance Scheme in seventy-four approved societies, of which nineteen had their headquarters in Northern Ireland.

Mr. T. J. Campbell, K.C., leader of the Opposition, said they heard a great deal in Northern Ireland about keeping work for their own people and letting nothing go outside Northern Ireland, and he would like the Minister to explain the meaning of an item of £1,200 for services rendered by the Drug Accounts Committee of Scotland for pricing chemists' prescriptions. Why could not that work have been done in Northern Ireland? They had some very distinguished chemists. Was it possible that the Minister would take the responsibility of saying that nobody in Northern Ireland could price chemists' prescriptions as cheaply as it could be done for them in Scotland? Mr. Andrews: There is a Department on the other side for doing that work. Mr. Campbell said they ought to have a similar department in Northern Ireland. It struck him as strange that they should have to go to Scotland for what seemed to a layman to be a very elementary matter.

Mr. W. Grant (U., Duncairn) appealed for investigation into the working of the medical benefit clauses of the Unemployment Insurance Act. He thought there were doctors whose panel patient lists were too extensive to permit of each patient receiving treatment. The debate was adjourned.

### An Administrative Change

A correspondent (5/6) writes:—"The decision of the Commissioner of Police in the Irish Free State that the duty of seeing that the Poisons Act and Pharmacy Acts are observed will devolve upon the entire police force will effect a radical change in the administration of these Acts. Heretofore only a limited number of police acting as inspectors of weights and measures were entrusted with this task. Free State pharmacists and druggists will now be aligned with licensed traders, and it will be open to any civic guard to walk into a pharmacy and inquire into the qualifications of the person in charge or to inspect the poisons register. The Council of the

Pharmaceutical Society of Ireland are entirely in agreement with the authorities on the question that Section 17 of the Amending Act of 1890 should be observed. In their letter to the Waterford Chemists' Association (C. & D., May 25, p. 631) the Council clearly indicated their attitude. It has been suggested that the enforcement of the Pharmacy Acts will press heavily upon rural pharmacists, since it was contended they were faced with the difficulty of getting qualified assistants to take charge during their temporary absence. The proposal was advocated that students should be allowed to sit for the Assistants' examination after three years' apprenticeship, instead of four as at present, and that it be made obligatory upon all students to become qualified assistants before proceeding to the Licence examination. Against this point of view a strong rebutting case has been made that there is no shortage either of qualified chemists or qualified assistants, and that in fact it is extremely difficult for many chemists and assistants to find suitable employment at present in the Free State. In some cases, it is stated, qualified chemists have been unable to find employment even at reduced salaries. The wholesale qualification of assistants, instead of easing the situation, might create new and still more difficult problems. Possibly in some areas where there is overcrowding, and the turnover of an individual pharmacist is so low that the employment of a qualified deputy is not feasible, considerable personal inconvenience may have to be faced to observe the law. This economic factor, however, does not alter in any way the obligation of the pharmacist to observe the legal responsibility that keeping open shop implies. To the chemist or druggist who has always observed the law, in the spirit and the letter, the change in the police administration of the Acts in the Free State will give no cause for anxiety."

### Brevities

In the Glasnevin suburb of Dublin the chemists have agreed to shorter working hours on Sundays, as the result of negotiations conducted by Mr. Brendan Smith. The agreement became operative as from the first Sunday in June.

Miss Ada Magill, of the C.M.S. Mission staff, who lost her life in the earthquake at Quetta, was formerly employed by Grattan & Co., Ltd., chemists, Corn Market, Belfast. She volunteered for mission work in 1931 and went to India, where her father had lost his life in an accident twenty years ago. She had been acting as dispenser at the C.M.S. hospital in Quetta since her arrival, and was due home on furlough shortly.

During the hearing of a case at Newry Petty Sessions, on May 29, when a man was summoned for laying poison on edible matter in his garden, a question arose as to whether the proprietary article used was a poison. Mr. J. E. Connor, Ph.C., who was on the Bench at the time, informed his colleagues that the substance came under Part II of the Poisons Schedule. Eventually the case was dismissed under the Probation Act.

At a meeting of Londonderry Infirmary Board the secretary said that Mr. William McMullan, Belfast, had written to say that he was anxious to endow a bed in the Infirmary, inscribed "The Clifford J. McMullan bed, named by his father as a token of gratitude for great attention received by us both." The secretary added that twenty-three years ago Clifford McMullan, then aged eighteen months, swallowed pure carbolic acid, with recovery. Mr. William McMullan stated he would not forget the extreme kindness shown by the Infirmary staff.

### Belfast

Councillor R. J. Groves, R.D., Castle Street, has been elected vice-chairman of the Gas Committee of Belfast Corporation.

Mr. W. C. Tate, Ph.C., Royal Avenue, a member of the Council of the Pharmaceutical Society of Northern Ireland, has been elected to the Council of the Belfast Rotary Club.

Mr. Samuel Gibson, Ph.C., had a remarkable series of successes at the recent Royal Ulster Agricultural Society's show in Belfast. Not only did he win the medals for the best pedigree bull calved prior to 1934 and the best pedigree heifer calved in 1933, but he carried off three firsts, three seconds, four thirds and a reserve in other classes. Mr. Gibson, who is treasurer of the Pharmaceutical Society of Northern Ireland, is widely known as one of the most successful stock breeders in Northern Ireland.

## Scottish Notes

## North British Executive Election

The annual meeting of members of the Pharmaceutical Society residing in Scotland will be held at 36 York Place, Edinburgh, on June 12 at 11 a.m. The following are the candidates for election to the Executive:—Anderson, J. M. (Glasgow); Arthur, H. P. (Glasgow); Bennett, F. W. M. (Arbroath); Boag, Margaret G. (Edinburgh); Brims, W. (Edinburgh); Collins, C. J. (Portobello); Culbert, W. S. (Airdrie); Currie, A. (Leith); Duff, P. M. (Glasgow); Harley, D. (Musselburgh); Hay, W. F. (Aberdeen); Henry, J. (Galashiels); Howie, A. Y. (Glasgow); Innes, J. (Leith); McCall, D. (Dundee); Mackenzie, T. (Inverness); MacSween, A. (Glasgow); Miller, T. C. (Dunfermline); Milne, J. R. (Dundee); Mitchell, J. B. (Edinburgh); Murray, A. (Glasgow); Orr, J. (Lanark); Reid, W. (Cupar); Robin, H. M. (Edinburgh); Rodger, M. (Dunfermline); Rosie, W. J. (Edinburgh); Sinclair, T. L. (Greenock); Somerville, J. C. (Edinburgh); Stewart, C. (Kirkcaldy); Todd, J. P. (Glasgow).

## Brevities

A novel point regarding travelling traders and their use of public halls was raised by Provost Fisher at a meeting of the Hawick magistrates. Provost Fisher held that it was necessary to take out a hawker's licence, and he wondered if travelling traders who sold goods in halls in Hawick were paying £2 2s. for a licence. The deputy town clerk suggested that the matter should be referred to the local Customs and Excise officer.

In a golf match played at Edzell, on May 29, for the Cartwright cup, Aberdeen chemists beat Dundee chemists by six games to two. The following were the scores:—

Aberdeen		Dundee	
W. C. Ross and A. Forsyth..	0	J. Robertson and A. Y. Barrie	1
H. Forbes and J. M'Connach	1	S. Smith and J. White	0
J. Forsyth and C. Watson ..	1	P. Kelly and J. Robertson ..	0
W. Marshall and W. Gray ..	0	G. Allardice and P. Ferguson	1
J. H. Swanson and G. Allen..	0	W. S. M'Connachie and A. Robertson ..	0
S. Anderson and R. E. Hunter	1	J. Ferrier and C. Duncan ..	0
H. A. Dugan and J. Farquhar	1	C. Stephen and J. Learmond	0
J. M'Murtrie and J. Crichton	1	M. J. Lawford and A. Stevenson ..	0
W. Craighead and J. M. Forsyth ..	1	J. Stammers ..	0

The Scottish chemists' golf competition was held at Glenegles on May 15. The winners were as follows:—Travellers' trophy, (1) F. Adamson (Dunfermline); (2) H. P. Forbes (Aberdeen). Scratch prize, (1) J. Stevenson (Prestwick); (2) K. Mackenzie (Alexandria). Pears trophy, (1) J. M. Hart (Glasgow); (2) G. Adam (Glasgow); (3) W. S. Culbert (Airdrie); Bogey, (1) W. J. Hendry (Aberdeen); (2) J. Smith (Hamilton). J. & J.'s prize, D. G. Mackenzie (Glasgow). Blyton, Astley prize, J. McMillan (Renfrew). Hidden holes, W. McCallum (Shotts). Ucal prize, (1) J. Finlay (Edinburgh); (2) J. F. Robertson (Alva). Macleans' prize, J. S. Cameron (Crieff); J. Orr (Lanark); P. Taylor (Shotts); H. V. Campbell (Glasgow). Gibbs' trophy, (1) No. 3 district (W. J. Hendry, H. P. Forbes, F. Adamson, J. S. Cameron); (2) No. 2 district (J. Stevenson, E. McWhirter, A. Taylor, K. Mackenzie). Prizes were presented by Mr. G. Mackay (W. & R. Hattick, Ltd., Glasgow).

## Topical Reflections

By Xrayser

## I have Read

The account of the meeting of the Association of Pharmaceutical Employees (*C. & D.*, June 1, p. 650), and on the whole I agree with the ideas of the movement. There is no question but that the wages of qualified and unqualified assistants are, on the whole, low, and they are getting lower; I am not sure that, considering the difference in the value of sterling, they are not lower than they were twenty-five years or more ago—and that is saying a lot. I am not forgetting that many chemists, including many of the multiple shop companies, pay their men, and particularly their managers, quite fairly if not liberally. The movement will take some time before it gets going; to make it a success it will have to be a 100 per cent. organisation. It should not be forgotten that the tendency of all unions of this type is to standardise wages: the low wages are raised, but those higher than the maximum tend to be reduced to that level; few employers pay more than "union wages." If the movement succeeds, it will have a powerful influence in raising the retail prices for drugs, etc., and for services rendered, such as dispensing. I believe that the low wages paid in some pharmacies are due to the fact that the prices obtained in them are below their economic level and the employers cannot afford to give reasonable wages. I shall watch the progress of the movement with keen interest; it may yet have a far-reaching influence on the future of pharmacy. I suggest to your readers a careful consideration of the objects of the Union as set out in your editorial article on p. 655.

## Like Your Contributor,

Mr. John Rae (p. 661), I can spend a pleasant and profitable half-hour delving into old volumes of the "Year-Book of Pharmacy." I well remember, at the opening session of the Scarborough British Pharmaceutical Conference meeting in 1921, the hilarity caused by what the president (Mr. E. Saville Peck) called the "scathing" remarks of Mr. T. Maltby Clague in controverting the statement of another member that the larger number of these Year-Books were never opened by their recipients. I have not a complete set back to 1870, but I consult from time to time, with the aid of the general indexes, those that I possess, and in doing so I am not infrequently drawn aside from my original quest

by something that awakens dormant memories. I have just taken down from its shelf the volume for the year 1887, a year comparable with the present in that it included among its public events the celebration of Queen Victoria's Jubilee. The president of the Conference, which met in Manchester on that occasion, was the late S. R. Atkins of Salisbury; and he took the opportunity of summarising, in the course of his address from the chair, the developments in pharmacy and its allied sciences that had taken place during the preceding fifty years. Many of his remarks are as pertinent now as they were then—this, for instance: "It must be frankly admitted that pharmaceutical legislation is not the brightest chapter in our history. It is the old, old story of internal dissension and external hostility; reluctant to combine, save under the pressure of impending danger, relaxing even that partial attempt so soon as the peril was passed, we have never yet succeeded in bringing to bear at one time on public opinion and on the Legislature the weight of the collective opinion of 14,000 associated men." From another point of view Professor Leech, M.D., of Owens College, discussed the future of pharmacy in friendly and farsighted sentences; and among the readers of papers who are still with us, and still interested in research, were Dr. David Hooper, Mr. William Kirkby, Mr. Thomas Maben, Mr. E. J. Millard and Mr. Francis Ransom.

## The Diseases of Animals

Bill, with which you deal on p. 657, is a reminder that treatments employed by veterinary surgeons have undergone great changes in recent years. But though serological products have assumed such an important rôle, there is still plenty of scope for chemists who are prepared to specialise in veterinary business. Many traders sell proprietary remedies, but the chemist's advantage lies in being able, in addition, to produce and sell preparations compounded to his own formulas, so adjusted from time to time to ensure the remedy being in accordance with the latest research. Of these mention need only be made of iodised mineral mixtures, carbon tetrachloride capsules and chenopodium oil. It is true that there are still pharmacies where a full range of animal remedies can be obtained, but the number seems to be decreasing. I am told that the quantity of veterinary cod-liver oil sold by dealers other than chemists is very large.

## Legal Reports

**"Iodine Ointment."**—At Wolverhampton Police Court, on May 29, Lea Alpren, Speedwell Road, Edgbaston, Birmingham, was summoned for having sold iodine ointment not of the nature or quality demanded at a draper's shop in Exchange Street, Wolverhampton. Mr. S. M. Gore, prosecuting for the Wolverhampton Corporation, said that samples taken showed a deficiency of 91.5 per cent. in free and combined iodine, and a total deficiency in potassium iodide. The defendants said the bottles of ointment were bought for 1s. 8d. per dozen, and sold for twopence each. Mr. Gore: Do you think it strange that these bottles, which you say were sold for twopence each, were labelled "1s. 3d."? Mrs. Alpren replied that this label was put on by the manufacturers. Imposing a fine of 20s., with 13s. 6d. costs, the stipendiary magistrate said it was essential that purchasers should get iodine if they wanted it.

**Action for Libel.**—In the King's Bench Division of the High Court, London, on May 29, damages in the sum of £50 were awarded by a common jury against Mr. Reginald Dain, chemist and druggist, High Street, Runcorn, who was sued by Mr. Arthur Bransby White, Herbert Road, Nottingham, for libel. Mr. White, a commercial traveller employed by the Parker Pen Co., complained that after signing an order form for £25 worth of fountain pens Mr. Dain wrote letters to his employers and to S. Maw, Son & Sons, Ltd., falsely alleging that the order was secured by the fraudulent representation that the order form was merely a fixed price maintenance agreement, and that Mr. White had filled in the details of the order at his own inclination. Mr. White maintained that Mr. Dain well knew what he was signing and had himself selected the stock. Mr. Dain's defence was a plea of privilege and justification. His case was that the letters were written in the honest belief that the contents were true. Judgment was entered by Mr. Justice Greaves-Lord in accordance with the jury's verdict, with costs.

**Medical Officer's Morphine and Cocaine.**—At Enniskillen Petty Sessions, on June 3, District-Inspector McNeill charged Dr. Edward McAlpine, dispensary medical officer of Tempo, (1) with having obtained morphine and cocaine, and having failed to enter particulars in a register kept for that purpose; (2) with having obtained morphine on March 8 and failing to enter particulars in a register; and (3) having between January 26 and March 9, 1935, obtained large quantities of morphine, and failing to enter particulars in a register. Mr. James Cooper, Crown Solicitor, prosecuted. The defendant did not appear, nor was he represented, but he sent a medical certificate stating that he was suffering from nervous debility. Mr. David Moffatt, of the Ministry of Home Affairs, gave evidence as to visiting the dispensary in Tempo in January, when the defendant admitted making these purchases, which were not entered in the register. He promised that in future he would enter them. On March 12 defendant stated to him that he bought a little, of which there was not a record. Evidence of purchase of these drugs was given by Mr. William McQuitty, Ph.C. (Adamson & Co.) and Mrs. Isobel Topping, Ph.C. Mr. Cooper said that in this case the harm was done to the defendant himself, not to any other person. If the Bench decided to convict he would be willing to withdraw the third case, as the real object was to prevent the doctor from obtaining these drugs. The Bench imposed a penalty of £50, with costs, or three months' imprisonment, in each of the first two cases, and the third case was withdrawn.

## Gazette

### Partnership Dissolved

BAILEY, E. S., and STEWART, I. M., 23 Lloyd Street, Manchester, manufacturing chemists and hairdressers' sundriesmen, under the style of Bailey & Stewart.

### Bankruptcy Acts

#### RECEIVING ORDER AND ADJUDICATION

JOHNSON, S. O., 40 Abbey Walk South, Halifax, "druggist."

## New Companies and Company News

P.C. means Private Company and R.O. Registered Office

**MARCUS-LESOINE, LTD. (P.C.)**.—Capital £500. Objects: To carry on the business of chemists, druggists, etc. Solicitors: Harrington, Noble & Co., 376 Strand, W.C.

**PRESERVINE, LTD. (P.C.)**.—Capital £10,000. Objects: To carry on the business of soap merchants, chemists and druggists, etc. R.O.: Australia House, Strand, W.C.2.

**GODFREY WOODHEAD & SON, LTD. (P.C.)**.—Capital £15,000. Objects: To acquire the business of chemical manufacturers and merchants carried on as Godfrey Woodhead & Son at Slaithwaite, near Huddersfield.

**H. K. LABORATORIES, LTD. (P.C.)**.—Capital £2,000. Objects: To acquire the right and interests of Hugo Kohn in preparations for remedies in relief of sea-sickness, etc. Solicitors: Zeffert & Heard, 17 Coleman Street, E.C.2.

**JAMES DAVIES (LONGTON), LTD. (P.C.)**.—Capital £15,000. Objects: To acquire the business of a colour, chemical, lithograph and ceramic transfer manufacturer carried on by James Davies at Berry Bank Works, Longton, Stoke-on-Trent.

**GROSVENOR PERFUMERY CO., LTD. (P.C.)**.—Capital £500. Objects: To acquire the business of a manufacturer of perfumes and toilet requisites carried on by R. A. Candy as the Grosvenor Perfumery Company at 240 Albany Road, Camberwell, S.E.

**NORTHERN RELIEF CO., LTD. (P.C.)**.—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in pills, powders, drugs and medicines of all kinds, etc. Solicitor: P. Kemp Lee, 4 Lawson Street, Barrow-in-Furness.

**N. SINCLAIR & CO., LTD. (P.C.)**.—Capital £15,000. Objects: To acquire the business of a colour, chemical, and lithograph and ceramic transfer manufacturer carried on by J. Davies at Clyde Colour and Chemical Works, Mill Street, Burslem, Stoke-on-Trent, as N. Sinclair & Co.

**STANLEY ELMORE CO. (Private Unlimited Company)**.—Capital £200,000. Objects: To carry on the business of metallurgists, electro-metallurgists and industrial chemists, to engage in metallurgical and chemical research, etc. Solicitors: J. Hampson Fogg, 720 Salisbury House, E.C.2.

**W. J. BUSH & CO., LTD.**—Net profit for 1934 amounted to £76,447, compared with £61,166 in 1933. £11,411 has been put to income tax reserve for 1934, against £9,225 for 1933. Final dividend on ordinary shares, 8 per cent., making a total of 13 per cent. for the year (11 per cent. in 1933) and £25,000 is put to general reserve, while £10,000 is written off goodwill. Carried forward, £94,625.

**BRITISH ALKALOIDS, LTD.**—Accounts for the year ended March 31, 1935, show a net profit of £18,083, compared with £10,174 for the previous financial year; £1,500 is written off from preliminary expenses and £7,000 from advertising account, and £3,000 has been put to taxation reserve. The directors recommend the following dividends: On preference shares, 9.0115 per cent. (8 per cent. last year) and 10 per cent. on the ordinary shares (2½ per cent. last year), which will take £5,778, leaving £1,543 to be carried forward.

**GRIFFITHS HUGHES PROPRIETARIES, LTD.**—Final dividend declared on the ordinary shares of 10 per cent. and a bonus of 2½ per cent., making a total distribution for the period to June 30, 1935, of 17½ per cent. The operating company ends its financial year at March 31, and the directors state that profit for the past year was £10,773 higher than that shown in the prospectus for the year to March 31, 1934, the past year's total being £462,143 against £451,370. The sum of £102,597 is allowed for taxation and, after payment of the preference and ordinary dividends, £90,000 will be placed to reserve, leaving £16,192 to be carried forward.

# The Pharmacy League

THE third evening meeting of the Pharmacy League comprised an address by Mr. Ernest Skues on "How I Would Improve Pharmacy," followed by discussion, on June 4, at 77 Bloomsbury Square, London, W.C.1. The chair was taken by Mr. J. T. Hope Evans, and among the audience was Mr. Fred Storey, president of the Pharmaceutical Society of Northern Ireland, who was welcomed by the chairman.

In his opening remarks THE CHAIRMAN said the opinions expressed by the speakers were not necessarily those of the League.

MR. SKUES said that some things he might say might be provocative, but he hoped he would be able to make satisfactory answers to any questions that might be put to him. The question "How I Would Improve Pharmacy," was an intriguing one and was one which demanded an answer. Assuming he was in the position of a dictator in the Pharmaceutical Society, with a majority on the Council, he would have to judge the question without bias and act fearlessly with the object of achieving what was desired.

Supposing complete reorganisation were possible in pharmacy, what would they aim at? Their views were liable to be warped because of existing conditions. How far could internal reorganisation be altered which would lead to improvement from the point of view of the medical profession and the public? One would have to consider whether toilet articles should be included in the ideal pharmacy. One would have to consider whether a mouth wash was medical, and if it was then tooth-paste was. Continuing, then, they had to include a tooth-brush, and it therefore remained very difficult to draw the line whether articles were medical or toilet. He considered that pharmacists had done a lot towards development in photography, and this should be included in the ideal pharmacy.

The ideal pharmacy should be personally controlled by an individual proprietor. This necessarily involved abolition of branch shops. A modern dispensary should be the main feature of the ideal pharmacy, and the sale of proprietary articles, which were often recommended by medical men, should be continued. To combine the diagnosis with the treatment of disease must be taboo in the ideal pharmacy, which in his opinion should give a day-and-night service, and there should be three pharmacists to render this service. There should also be a chemical and bacteriological laboratory.

Mr. Skues referred to conditions thirty years ago compared with the present time, and the increased forms of competition from other types of traders, co-operative societies, infant welfare centres, and municipal corporations.

Conditions to-day were such that the practice of pharmacy proper could not ensure a living to anybody except a privileged few, and they had to turn to other things to make a living. Individualism was being crushed out to-day, and something had to be done if pharmacy was going to be a profession worth following. It had been claimed there was a higher standard of trading to-day. He seriously asked that they should consider the dangers of legislation. He would not say that legislation was not essential or that they could carry on without the Pharmacy Acts, but he considered it was unwise to try to remedy any defects they might see by Act of Parliament. With every Act there was always some serious disadvantage which was not apparent at the time it was sponsored by the Pharmaceutical Society.

Modern conditions would make it extremely difficult for an ideal pharmacy to pay, but he thought that with support from the Pharmaceutical Society it could be made to pay. One of the objects of the Society was the advancement of pharmacy. This would involve the cleavage to an extent between professional pharmacy and commercialism. He believed that the man who put pharmacy first should have the support of the Society. He thought that some sort of subsidy was necessary. He knew that subsidies were not liked, but in some industries they were necessary evils.

The raising of the money was an important point, and he would raise the cost of the registration fee of pharmacies to £2 2s., which would leave a surplus of £15,000. He suggested a system of central pharmacies—one in 1,000,000 people—and if the proprietors were willing to comply with the conditions

and wanted a subsidy it should be granted for three years. Other allied pharmacies would be opened which would not have a subsidy, and would only have to comply with the first two conditions he had laid down.

If anything he had suggested was outside the powers of the Society, a Pharmacy Board could be set up with restricted supervision by the Government as in the case of the B.B.C. He suggested that a combine of chemists could dispense to a large extent with the large body of commercial travellers who took up so much time of the proprietor pharmacist. A central organisation could be formed to whom all travellers could be referred and so much time could be saved, although there would be very little difference in the cost of articles.

## Discussion

MR. SARGEANT opened the discussion, and said that many of those present were employed in multiple shops, but would prefer their own shops; but he would not agree that multiple shops had caused so much damage as had been suggested. Another point was that the subsidy would be collected from multiple shops, and it would be unfair to spend it on rival branches.

Another speaker pointed out that most schemes put forward were ruined by disloyalty in the profession, as when they were put forward most people dissociated themselves from the schemes.

In reply, MR. SKUES said that multiple shops started by cutting the prices of goods sold by private chemists. They were able to use the name "chemist" by law when they employed a qualified man, and consequently an extra payment was not unreasonable. He contended that multiple shops had done nothing to advance pharmacy.

Mr. Skues was then asked by MR. DAVIS how he would provide for multiple shops competing with the subsidised shops, imitating the model pharmacy and causing a duplication of service.

A further question by MR. MILNER as to what would be the attitude of the model pharmacy to the sale of goods which they all knew the public would be better off without was put.

In reply to Mr. Davis, MR. SKUES said he did not think the multiple shops would do so, but if they did it would assist in bringing them into line with the standards of the model pharmacy. With regard to Mr. Milner's question, he declared he did not think they should make themselves judges of what was wanted. He did not think they should assist in advertising such articles, but he considered it would be difficult to bar anything that was in demand.

MR. STOREY congratulated the League on arranging the meetings, and he considered they should be encouraged. Speakers should be brought forward at short intervals. They were the youth of the country, and the future of the profession was in their hands, as they would eventually be the leaders.

The meeting terminated with a vote of thanks to Mr. Skues.

**MOths GET IN THE NEWS.**—A "Times" telegram from Copenhagen states that moths were required for testing "a new chemical supposed to make all fabrics moth-proof," and that an advertisement asking for them was published. At the top of the boom the price reached £8 10s. for 2,000 in good condition delivered in bottles. One man offered a settee warranted to be full of moths. Another telephoned that he proposed to deliver a dozen moths in a plain van.

**SUGAR IN DIET.**—"May I be allowed to say without offence that Nature is a better dietician even than the brilliant young men turned out by the Cambridge School, and a little consideration will show that she arranges our foodstuffs in combinations which render them acceptable to our digestive organs? Sugar is undoubtedly essential to all of us, but it should be taken as nearly as possible in the unrefined forms offered by Nature. Refined cane sugar is an irritant. It can, of course, be absorbed, but only when it has been converted into a different kind of sugar, a process which entails the expenditure of considerable energy: with dyspepsia as a by-product."—Dr. Leonard Williams in "The Times."

# Belfast and Londonderry

## Historical Notes on two Ancient Cities

**A**N impression exists that Belfast is a city with but little historical interest, and that its etymology—"Bel," a ford, "Fearsad," a sandbank—indicates its age-long loneliness prior to the advent of its shipbuilding, distilling and other industries. But this is far from being the case. For many centuries Belfast has had its place in the public records of Ireland and those of England; and it received its first charter as long ago as 1613.

Events in Belfast prior to the granting of municipal privileges may be summed up in a few lines. From early times the village had a castle and a church. There was an Anglo-Norman raid in 1171; a visit from King John in 1210; and an invasion by Edward Bruce in 1315. After this, notable happenings were few until the arrival of Arthur Chichester in Ireland during the closing years of the sixteenth century. Chichester had been in the great encounter with the Spanish Armada in 1588, and was a skilled commander. He was raised to the Irish peerage as Lord Chichester of Belfast early in 1613: on April 27 of the same year the town received its charter from James I.

This charter, which for the most part is of a usual type, is distinguished from many by the use of the word "soveraigne" to designate the mayor or provost. The word in this sense dates back to the fourteenth century but is now obsolete. The election of a sovereign continued annually in Belfast till



Photo] [Hogg  
ALBERT MEMORIAL CLOCK  
TOWER

1842. The town, or a considerable portion of it, belonged to the Chichester family for a long period. For some time before and after the granting of the charter the Customs was managed, apparently, by one official—a circumstance due, probably, to the competition of other ports: a few of the names of these "waiters" have come down to us in documents. The borough

tribute: "Belfast is the second town in Ireland, well built, full of people, and of great Trade."

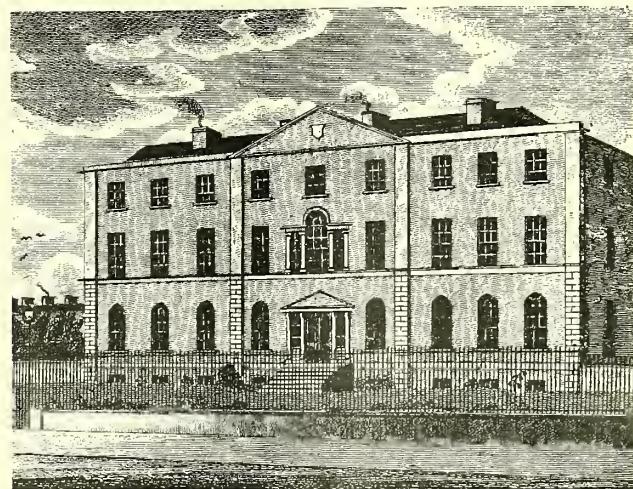
### Early Industries

**LINEN.**—The introduction of the linen industry into Belfast is generally attributed to the Huguenots. However that may be, between 1680 and 1741 the annual value of exports of linen



HIGH STREET, BELFAST, IN 1786

from Ireland had increased from £6,000 to £600,000. As a handicraft, no doubt, the making of linen fabrics must have been carried on from time immemorial. There was a yarn and linen market in Belfast in 1729, and it is clear that the early years of the eighteenth century saw the foundations of linen making as an industry well and truly laid. An entry in the Pinkerton manuscripts records that "so important an accomplishment was the Irish way of spinning then reckoned, that



FEVER HOSPITAL, BELFAST, IN 1823



BELFAST FROM THE LOUGH IN 1823

was not long in setting up such organisation as appeared to be necessary. In 1639 a rate was made for the fitting up of a town hall, although there was unsettlement in the surrounding country, culminating in the rebellion of 1641. In 1690 King William III passed four days in Belfast, amid popular rejoicing; and about the same time Sacheverell paid the town this

many of the most notable housewives of that day sent their daughters from Scotland to the North of Ireland to acquire it." Light on an ancient method of bleaching is thrown by a petition of one John Wolfenden, dated September 17, 1754, setting forth that

"Contiguous to his Bleach yard lieth about 30 acres of

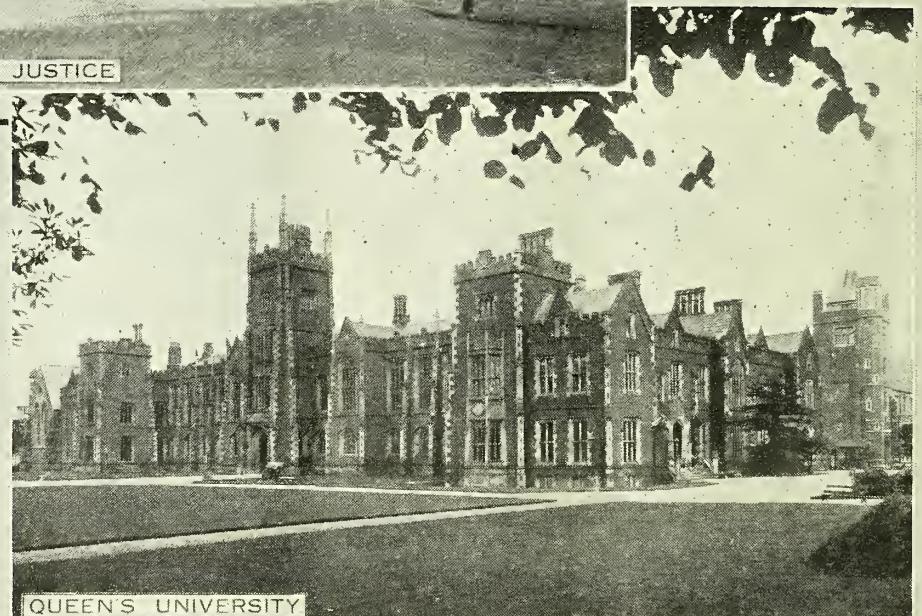
LANDMARKS IN  
THE CITY OF BELFAST



MUNICIPAL COLLEGE  
OF TECHNOLOGY



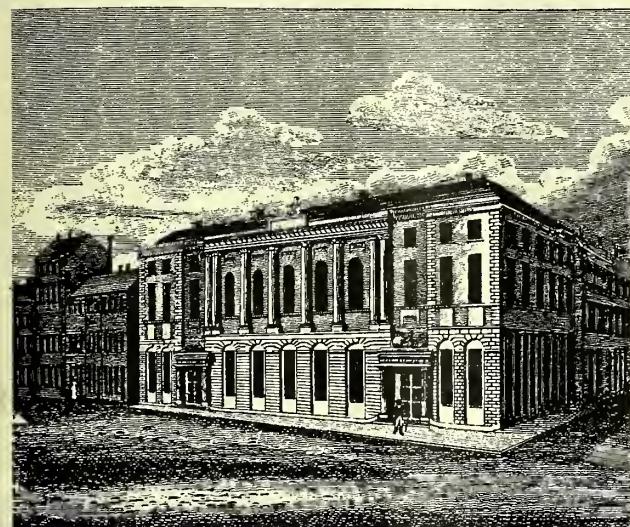
ROYAL COURTS OF JUSTICE



QUEEN'S UNIVERSITY

PHOTOS A. R. HOGG

Land which he thinks would maintain 15 cows which would be a great help towards supplying him in sour milk, absolutely requisite for whitening Linnen ; in furnishing himself with which he is at an extravagant Expense . . . much to his Loss, and the disadvantage of the Linnen Trade, the chief support of the north of Ireland."



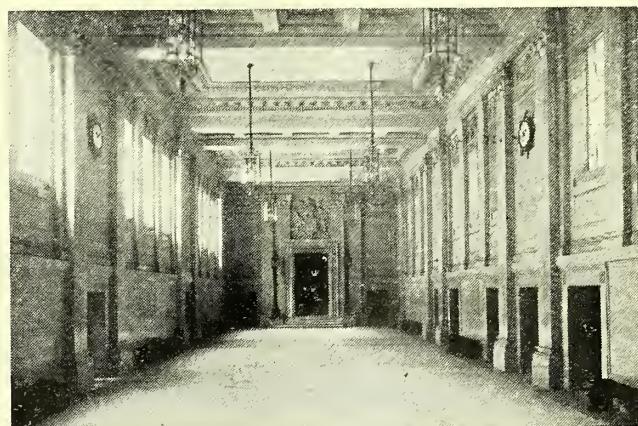
COMMERCIAL BUILDINGS, BELFAST, IN 1823

The first Linen Hall was projected in 1739: the building was superseded by a new one in 1754, and other Linen Halls have arisen from time to time.

**COTTON.**—The making of cotton fabrics is believed to have been started in the Poorhouse, during the eighteenth century, in order to find remunerative work for some of the inmates. Mills were erected soon afterwards in various parts of the borough, and the wording of some of the trade advertisements of those years was quaint. In 1789 appeared the following: "Olivia Tomb thanks those who were pleased to send Goods to be bleached at her Green . . . last season, and informs her friends that she is ready to receive Cambrics, Lawns, muslins, cottons and calicoes on 1st February which will be finished with care and expedition." Cotton, however, has not attained the importance of linen in the city.

**SHIPBUILDING.**—The building of ships in Belfast goes back to the seventeenth century: it is believed that as early as 1636 a ship of 150 tons was built there. By 1699 the "Loyal Charles," of 250 tons, was launched; and from these small

beginnings matters have developed till the advent of the colossal vessels constructed by Messrs. Harland & Wolff and other firms. It is understood that the first steamer built in Ireland came from a Belfast dockyard. The building of ships involves the forging of iron and steel, another important industry.



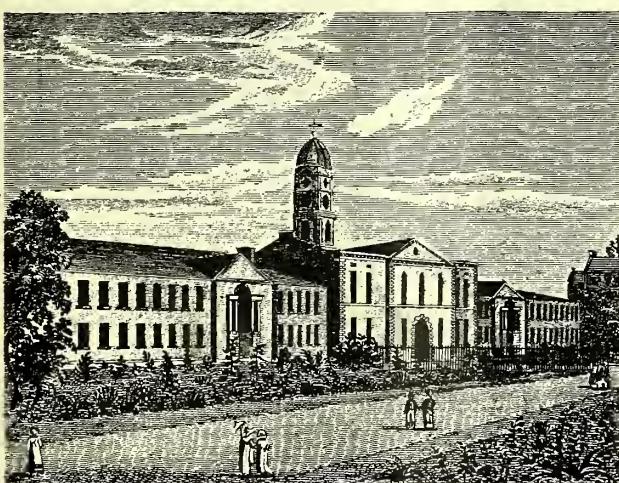
Photo] COURT HALL, ROYAL COURTS OF JUSTICE

[Hogg]

**POTTERY AND GLASS.**—The former manufacture of pottery and glass in the city is chiefly of interest to collectors, though everyone who loves beautiful ware rejoices at the sight of fine specimens. Sacheverell wrote in 1698: "The new Pottery is a pretty Curiosity, set up by Mr. Smith the present Sovereign, and his predecessor Captain Leathes, a man of great ingenuity." The making of glassware came considerably later: it has not been traced further back, apparently, than 1785.

**BREWING AND DISTILLING.**—The brewing of ale or beer was a very ancient industry in Belfast. In a record of the year 1616 we read:—

"At an Assemblie held the seventeenth day of October anno dni 1616 for the Burrough of Belfast It was ordered



WHITE LINEN HALL, BELFAST, IN 1823



Photo]

GRAND CENTRAL HOTEL

[Hogg]

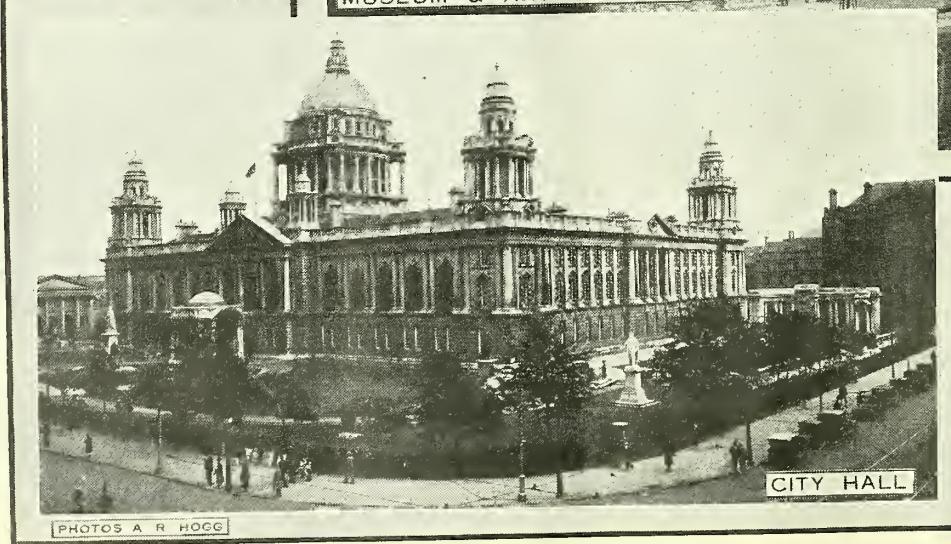


CATHEDRAL OF ST. ANN

LANDMARKS IN  
THE CITY OF BELFAST



MUSEUM &amp; ART GALLERY



CITY HALL

and fullie agreed by the consent of the Soveraigne & free Burgises then assembled that no p'son free or forriner shall from henceforth have admittance to sell ale or other liquor within the said Burrough unless the said p'son be thought fitting for the same . . . upon paine of iiis iiid everie time offendinge."

Distilling began in a smaller way. In 1659 fifty-seven persons were making ale or beer in Belfast, but only one was mentioned as a distiller, and he produced a total of eighteen gallons in two months.

PRINTING AND THE RISE OF NEWSPAPERS.—Printing, it appears, came into Belfast with William III in 1690. Lists of some of the earliest books, largely of a theological character,



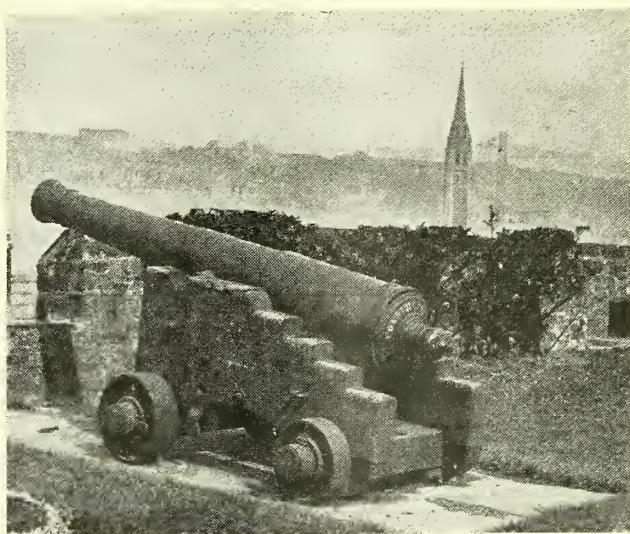
SEVENTEENTH- AND EIGHTEENTH-CENTURY TOKENS

have been collected. Periodical publications began early in the eighteenth century; and in 1737 Francis Joy established the "Belfast News-Letter," a daily paper still "going strong." This was an event of outstanding importance, affording regular information for those who could read. The "Belfast Mercury, or Freeman's Chronicle" was started in 1783, and the "Northern Star" in 1792. The last-named paper came to a speedy end after five years' existence, militiamen breaking into the building and wrecking the plant on account of some real or fancied grievance. The well-known "Belfast Telegraph" dates from 1870.

### Early Records

Mention has been made of the promptitude with which the municipality, having obtained its charter, set about organising its corporate life. Many of the entries in "The Town Book of the Corporation Belfast," compiled in 1892 from the original records covering the years 1613-1816, throw light on ancient customs and modes of living very different from our own. Most of those that we have noted relate to trading. An order of January 21, 1668, deals with apprenticeship indentures: it provides that thenceforth the indentures in every case shall be made by the "Towne Clerck and by noe other person," the change to be not more than 5s. "ster" for each "payre" of indentures.

Several entries refer to weights and measures. In 1690 there is a record of various standard weights and measures being delivered to a sovereign on his taking office. In 1639 the adoption of Winchester measures was agreed upon between Lord Chichester and the Sovereign and burgesses of the town. The measure for wine was to be five quarts to the "Wynchester" gallon—presumably quarts of 32 fluid ounces each. Frauds of various kinds were suppressed by enactments. Thus, it was ordered at Antrim County Sessions, in 1704, that on account of stolen mutton being brought into the open market all mutton must in future be sold with the skins, any not so exposed for sale to be forfeited for the use of the poor.



Photo]

"ROARING MEG," LONDONDERRY

[Dickson

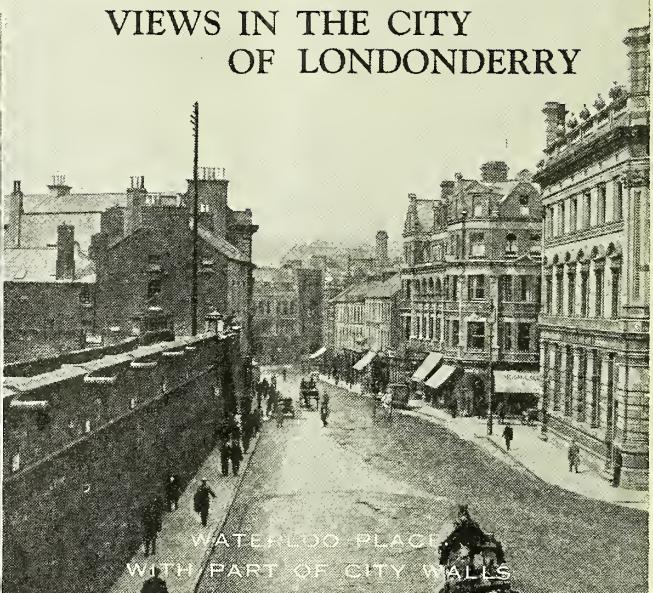
Street lighting was another matter occupying the attention of the Corporation. In 1680 it was agreed:—

"That Lights in Lanthorns be hunge at every other house doore or window time about in the Dark Nights from the hours of six to tenn from the 29th of September to the 29th of March ffollowing to give lights to the Streets and Lanes of the Towne for the benefit of the Inhabitants and passingers and to prevent disorders and mischeife."

By 1686 matters had progressed so far that every inhabitant was ordered to hang out during the same part of the year, "at their respective doores or shops one Lanthorne and candle lighted from the hour of seaven o'Clock till ten at night when it is not moon-shine in the said hours." The fine for non-compliance was 6d. a night.

One other topic may be extracted from these fascinating records, the provision of a public water supply. In 1678 an appeal was made for subscriptions towards a project, estimated to cost about £250, for bringing water in "pumps or wooden pipes" from an approved supply: it was stated that water for all purposes was being taken from the river, which was much defiled. We must admire the public spirit which suggested a voluntary levy rather than a rate for so admirable a purpose. It is undoubtedly typical of much that has happened since.

## VIEWS IN THE CITY OF LONDONDERRY



[Photos by A. E. Dickson]

### Londonderry

**L**ONDONDERRY, like Belfast, owes something to the colonising activities which distinguished the reign of Elizabeth. This walled city, one of the few remaining in the United Kingdom, has, indeed, a considerably longer, though fragmentary, history, having endured an onslaught of the Danes in the year 812. Its earlier name, Derry, signifies an oak grove, a "place of oaks." J. A. Froude, in his History of England, tells us that the beginnings of the modern city are to be dated from a decision taken in 1566 by Colonel Edward Randolph, "an extremely able officer" who was in command of an expedition costing the English Treasury several thousand pounds. Froude has the following passage in Volume VIII of his History:—

" Randolph, to whose discretion the ultimate choice of his quarters had been committed, had been struck as he came up Lough Foyle, with the situation of Derry. Nothing then stood on the site of the present city save a decrepit and deserted monastery of Augustine monks, which was said to have been built in the time of St. Columb; but the eye of the English commander saw in the form of the ground, in the magnificent lake, and the splendid tide river, a site for the foundation of a powerful colony suited alike for a military station and a commercial and agricultural town. There, therefore, Colonel Randolph had landed his men, and there Sidney joined him, and after a careful survey entirely approved his judgment. The monastery with a few sheds attached to it provided shelter . . . O'Donnell, O'Dogherty and other friends of England 'agreed all of them that it was the very best spot in the northern counties to build a city.' "

Anticipating modern ideas of town planning, the principal streets were made to radiate from a central open space known as The Diamond. Derry received its first charter from James I about the same time as Belfast, with which city it has various links; and about the same time the prefix London (with or

without a hyphen) was brought into use in consequence of the developments originated by settlers from the English Metropolis. A second charter was granted by Charles II, and between these dates the Protestant Cathedral was built. The diocese originated in the monastery mentioned by Froude, dating from the sixth century. The Cathedral, as one of our illustrations indicates, is an imposing building forming a well-known landmark.



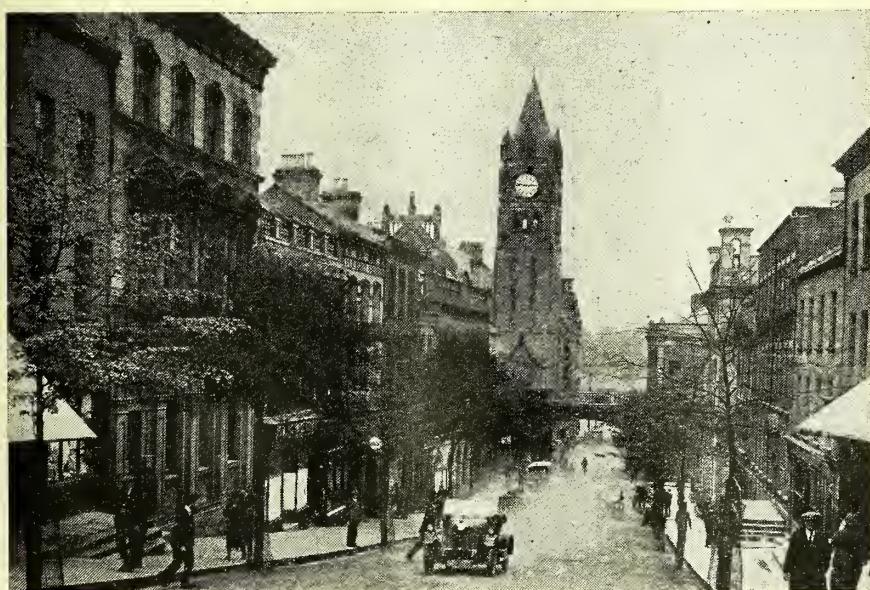
Photo

LONDONDERRY CATHEDRAL

[Dickson]

### The Siege of Londonderry

THE siege of Londonderry, like the Battle of Blenheim, is one of those historical events that we are apt to take for granted without troubling to learn much about it. Nor is it necessary, at this distance of time and in connection with the British Pharmaceutical Conference, to adjust the scales between the reigning William III of England and the abdicated James II, soon after the date of the siege to become a fugitive for the second time. It suffices for our present purpose to know that the event caused great anxiety, not only on the part of the besieged inhabitants but also on that of responsible people in Whitehall. The general catalogue of the British Museum has twenty-five entries of contemporary pamphlets and other publications setting forth various aspects of the siege; and the volume of the Calendar of State Papers covering the period February 1689-April 1690 has about 100 references to it. The siege lasted for several months. The besieging troops of James II constructed a boom or stockade, and fixed it in position across the Foyle; but apparently it presented a not very formidable obstacle to the ships of William III when they arrived. Complaints of dearth of food and money were numerous on both sides, and disease accounted for many deaths. Among the relics of the event preserved is a bombshell. Londonderry grew to be a city of considerable size and importance, and had its own Chamber of Commerce as early as 1790.



Photo

SHIPQUAY STREET, LONDONDERRY

[Dickson]

## Trade Notes

ZON SUNBATHING OIL.—Zon Laboratories, 137 Gleneldon Road, London, S.W.16, are advertising their product as a means of protection against sunburn and midge bites. Zon is sold in packings of two sizes.

BEECHAMS PILLS, LTD., St Helens, Lancashire, announce that commencing June 7 Beechams Pills will be supplied un-stamped for sale by qualified chemists. Reduced trade prices are given in our advertisement pages.

ELASTIC ANKLE SUPPORT.—Solport Brothers, Ltd., 184 Goswell Road, London, E.C.1, have issued an elastic appliance which is designed to give support to the ankle so that the tension can be graduated to suit the requirement of the wearer. It is described as the Justso Ankle Support and is hygienic and durable and can be washed repeatedly. It is neatly packed in a cardboard container.

J. F. MACFARLAN & Co., manufacturing chemists, Edinburgh and London, inform us that their offices, works and warehouses will be closed on June 15, the occasion of the wedding of Mr. D. R. Brown.

CLOSED ON SATURDAYS.—Chesbrough Manufacturing Co. (Cons.) Victoria Road, Willesden, London, N.W.10, announce that their factory, warehouse and offices are to be closed on Saturdays during June, July and August, 1935.

WARNING.—A notice appears in our advertisement pages drawing attention to the theft of a large quantity of lipsticks from the premises of Thos. Christy & Co., Ltd., Old Swan Lane, London, E.C.4. A reward is offered to persons giving information which will lead to the conviction of the culprits.

BEEF JUICE.—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, inform us that "Allenburys" Beef Juice is now available in a half size containing one and a half fluid ounces. The packing is identical with that of the original product which contains three fluid ounces.

BAYER PRODUCTS, LTD., Africa House, Kingsway, London, W.C.2, inform us that their premises will be closed from Friday evening, June 7, until Tuesday morning, June 11. During this period supplies of Bayer pharmaceutical products may be obtained from John Bell & Croydon, Ltd., 50 Wigmore Street, London, W.1, and Mr. R. Woolby Brooke, 38 Gloucester Road, London, S.W.7.

MACLEANS' BATH SALTS.—Macleans, Ltd., Great West Road, Brentford, Middlesex, have recently introduced new and attractive show material for Oslo Pine Bath Salts. Two of the showcards are illustrated herewith. The showcards are printed in sky-blue and yellow. These bath salts are offered at advan-



tageous terms. Another Maclean product which has a topical interest at this season is Insect Bite Cream. The cream is packed in tubes which are issued in yellow and blue cartons. It is claimed that the application of this cream both prevents attack and soothes if bitten when unprotected.

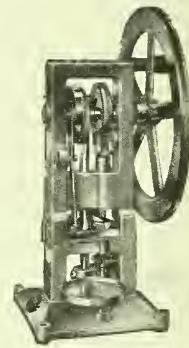
FOOT COMFORT.—The Scholl Mfg. Co., Ltd., 182-194 St. John Street, London, E.C.1, announce that they have a nationwide advertising campaign devoted to foot comfort. Substantial cash prizes are offered for window displays. Full particulars are given in our advertisement pages.

TANNIC ACID OUTFIT FOR BURNS.—C. J. Hewlett & Son, Ltd., 35-42 Charlotte Street, London, E.C.2, are advertising their improved tannic acid outfit for burns. This outfit consists of an amber bottle with vulcanite spray and a supply of tannic acid tablets which are dissolved when required.

TABLET MACHINE.—Thompson & Capper Wholesale, Ltd., Manesty Buildings, 7 College Lane, Liverpool, 1, have recently introduced a new machine described as the Manesty Hand Tablet Machine, an illustration of which is given. The Manesty machine is specially suggested for use in making small batches of tablets or for experimental purposes. Adjustments for weight and pressure are easily made and the output is 100 tablets per minute. For a machine of this description the price is moderate.

REDUCTION IN PRICE.—Burgoyne, Burbidges & Co., Ltd., East Ham, announce that a reduction in the price of Burgoyne's Universal Fruit Saline has been made. This preparation is a protected article on the P.A.T.A. list and a bonus offer of miniatures is made with orders for specified quantities.

HOMBURG PHARMA, LTD., wish to draw the attention of chemists to the fact that while their premises are closed for the Whitsuntide holiday (from Friday evening, June 7, until Tuesday morning, June 11) supplies of Homburg pharmaceutical products may be obtained from John Bell & Croydon, Ltd., 50 Wigmore Street, London, W.1.



## Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1935, p. 323.

(From "The Trade Marks Journal," May 29, 1935.)

- "PIOOND" ; for chemicals (1). By Casebourne & Co. (1926), Ltd., Imperial Chemical House, Millbank, S.W.1. 559,601. (Associated.)
- "IFSYN" ; for chemicals (1). By Indestructible Paint Co., Ltd., Cleopatra Works, Park Royal, N.W.10. 559,778.
- Design of sailing boat ; for insecticides, etc. (2). By Capper Pass & Son, Ltd., Mill Lane, Bristol. 557,243.
- "ARMASECT" ; for chemicals (2). By Talbot Manufacturing Co. (1926), Ltd., 185 Central Drive, Blackpool. 558,728.
- "SPALINE" ; for powders for pigs and poultry (2). By T. Hargreaves, The Spa, Shelfanger, near Diss, Norfolk. 558,744.
- "ASPRO" ; for all goods (2). Aspro, Ltd., Buckingham Avenue, Trading Estate, Slough. 559,522. (Associated.)
- "ATISM" ; for veterinary and sanitary chemicals (2). By Instituto Sieroterapico Milanese, 20 Via Darwin, Milan, Italy. 559,664.
- "TOL" ; for internal medicines, dressings, blisters, inhalants, toilet paper, plasters, bath salts and suppositories (3). By Reckitt & Sons, Ltd., Kingston Starch Works, Danson Lane, Hull. 540,549. (Associated.)
- "NOVOPHILLIN" ; for medicinal chemicals (3). By C. Klinke, 46 Eduardstrasse, Hamburg 19, Germany. 558,351.
- "THURIDIN" ; for medical chemicals (3). By British Dyestuffs Corporation, Ltd., Imperial Chemical House, Millbank, S.W.1. 548,732.
- "CALCIUM-SANDOZ" on design incorporating letter "S" ; for medicinal preparations of calcium gluconate (3). By Chemical Works formerly Sandoz, 60 Fabrikstrasse, Basle, Switzerland. B 554,379.
- "CARNACTONE" ; for a medicine for affections of heart and circulatory system (3). By Gedeon Ritcher (Great Britain), Ltd., 1-2 Hardwick Street, London, E.C.1. 554,881.
- "CALOSOL" ; for medicines (3). By W. K. S. Rowlands, 59 Mostyn Street, Llandudno. B 555,841.

## Marriages

JACKSON—SPENCER.—At the Parish Church, Castleford, on May 22, Roland Nuttall Jackson, chemist and druggist, Castleford, to Dorothy Elsie Spencer.

### Silver Weddings

GRAHAM—FLETCHER.—At Forthbank, Kirkintilloch, on June 1, 1910, Robert Graham, chemist and druggist, to Katherine Goodwin Fletcher. [Present address: Ellisland, Kirkintilloch.]

(From "The Chemist and Druggist," June 18, 1910)

SILVER—WEST.—At the United Methodist Church, Box, Wiltshire, on June 6, by the Rev. Sheriff Johnson, assisted by the Rev. W. Worfold Mold, Robert Dickson Silver, chemist, Kettering, to Florence Laurel, only daughter of the late Mr. Albert Frederick West. [Present address: Market Place, Kettering.]

## Deaths

BOULTON.—In London, on June 1, Sir Harold Boulton, Bart., C.V.O., C.B.E., a director of Burt, Boulton & Haywood, Ltd., Brettenham House, Lancaster Place, London, W.C.2, aged seventy-five. Sir Harold Boulton was well known for his philanthropic work, and as the writer of "Glorious Devon" and other lyrics.

FLETCHER.—Recently, Mr. William W. Fletcher, managing director of Reinhardt & Sons, Ltd., chemists, 61 York Road, Leeds, aged sixty-eight. Mr. Fletcher became an assistant to the late Mr. Johann Christian Reinhardt in Leeds about forty years ago. Messrs. Reinhardt's first shop was opened in 1774. Mr. Fletcher leaves a widow, a son and two daughters.

GIBSON.—On May 30, Mr. William Thomas Gibson, chemist and druggist, 53 Mere Street, Diss, Norfolk, aged sixty-nine. Mr. Gibson was for some time in business at Harrogate. He afterwards acquired from Mr. C. J. Palmer the business established in Diss by Mr. Francis Cupiss nearly 150 years ago.

SANGSTER.—At Monquhitter, Stoke Poges, on June 4, Annie Bertha, the beloved wife of Mr. Charles Sangster, chemist and druggist, aged sixty-two.

SIMPSON.—On May 30, Mr. John Fenwick Simpson, chemist and druggist, 80 High Street, Felling-on-Tyne. Mr. Simpson served his apprenticeship to the late Mr. J. Roberts, Newcastle-upon-Tyne, and qualified in 1890. He commenced business on his own account in Felling about forty years ago. Mr. Simpson took an active part in the local Branch of the Pharmaceutical Society, and held office as president. He leaves a widow and three daughters.

TAYLOR.—At 73 Queen's Road, Ashford, Kent, on May 30, Mr. Joseph John Taylor, chemist and druggist, aged seventy. Mr. Taylor commenced business as a chemist and optician at Ashford thirty-six years ago, but gave up pharmacy in 1925 in favour of optics.

WOOTTON.—At Sutton and Cheam Hospital, on June 2, suddenly, following an operation, Mr. Henry Wootton, B.Sc., the Rowans, Meadow Road, Sutton, Surrey, late principal of the London College of Pharmacy, aged eighty. Henry Wootton was sent to boarding school at the age of four; at twenty, for the sake of his health, he took a sailing trip to Australia and back. This occupied a year; and during the voyage he made friends with the late Joseph Conrad, the novelist, who was then mate of the vessel. It was evidence of his patience, shown in later life as a teacher, that on the voyage he made a remarkably accurate scale model of the ship. Mr. Wootton's introduction to pharmacy was in collaboration with the late Mr. G. S. V. Wills, Ph.C., at a school in Trinity Square, S.E.1. In 1899 he founded the London College of Pharmacy, which grew under his direction until he retired in 1925. The funeral took place at Wandsworth Cemetery, and London College was represented by Messrs. C. W. Gosling, Ph.C., and Irvine G. Rankin, B.Sc., Ph.C., past and present principals, and Messrs. Maxey and Lloyd, present students.

## Personalities

MR. T. EDWARD LESCHER, O.B.E., managing director of Evans Sons Lescher & Webb, Ltd., manufacturing chemists, Liverpool and London, was on May 28 elected chairman of the Liverpool Chamber of Commerce, and was presented with a replica of the Chamber medallion, the gift of Lord Derby. Mr. Lescher has been vice-chairman of the Chamber for two years, and has been connected with it for a long period. A son of the late Mr. F. Harwood Lescher, Ph.C., and a grandson of Mr. J. Sidney Lescher, he joined the directorate on the formation of the present limited company by the amalgamation of Evans, Sons & Co., Liverpool, with Evans, Lescher & Webb, London, in 1902. During the war Mr. Lescher's expert knowledge was of the utmost value in the distribution of certain controlled goods, and he has held office as president (and previously as secretary) of the Drug Club. He is also a past-president of the London Chemists' Golfing Society. Last year Mr. Lescher was elected treasurer of the British Pharmaceutical Conference at the closing session of the Leeds meeting.



MR. T. E. LESCHER, O.B.E.

THE list of honours conferred on the occasion of the King's birthday on June 3 is, as far as our readers are concerned, more meagre than usual, though among well-known public men who have received distinctions there are a few occasionally in contact with pharmacy in one or more of its aspects. Sir Frederick Gowland Hopkins, D.Sc., F.R.S., receives the Order of Merit; Sir Crawford McCullagh, D.L., Lord Mayor of Belfast, is made a baronet; Sir George Newman, K.C.B., M.D., receives the G.B.E.; Mr. L. G. Brock, chairman of the Board of Control and formerly principal assistant secretary of the Ministry of Health, becomes a Knight Bachelor; and Mr. William Young, deputy chairman of the Board of Customs and Excise, is made a Knight of the Order of the British Empire.

MR. E. SAVILLE PECK, M.A., Ph.C., who has been elected president of the Pharmaceutical Society of Great Britain (see p. 687), joined his father in business at Cambridge after passing the Major examination in 1889. He continued his studies at the University, proceeding to the B.A. and M.A. degrees. In 1901 he became an examiner to the Pharmaceutical Society. Mr. Peck was a general secretary of the British Pharmaceutical Conference for eleven years, and was president in 1915 and in 1921. In the earlier of these presidential years the meeting of the Conference was formal: in 1921 Mr. Peck's gifts had fuller scope, and, as we noted at the time, he received a well-deserved ovation at the Conference banquet. During the war he was on active service in France, and went to the United States to assist in the organisation of the American troops. Mr. Peck has served on the Council of the Pharmaceutical Society since 1921; he has headed the poll at every triennial election since that year, has represented the Society in many capacities, and has been vice-president for the past two years. As a member of Cambridge Town Council he has done useful work on various committees. Mr. Peck has many interests, among which is the collection of old mortars.



MR. E. SAVILLE PECK, M.A., Ph.C.

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## Information Department

### INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

L/46. Gauvain's inj. for tuber- cular abscess	E/36. Purganol Daguin
W/56. Hepanovena	L/46. Salidago
F/56. Lavosnet	B/56. Spanish geranium soap
H/28. Ludol gum astringent	W/46. Vipurine

THE  
**CHEMIST AND DRUGGIST**

VOL. CXXII.

June 8, 1935

NO. 2887

**Draft Poisons List**

We understand that the Poisons Rules and draft Poisons List, as amended by the Poisons Board's final recommendations, together with the Board's Report, will be published on Friday morning, June 7, and that copies may be obtained from H.M. Stationery Office on that day.

**The Council Re-shuffle**

At the Council meeting of the Pharmaceutical Society on June 5 (p. 687) a London president of the Pharmaceutical Society has gone out, and a provincial president has gone in. Contrariwise, a provincial vice-president has given way to a London vice-president. Mr. Keall, a man of commerce, is followed by Mr. E. Saville Peck, who lives in the academic atmosphere of Cambridge, and he, in his turn, will be nicely balanced by Mr. Thomas Marns as vice-president. Mr. Peck, there is no doubt, will adorn the presidential chair in accordance with its great traditions, and we offer him our congratulations on achieving what should be the highest honour that pharmacy can confer on any of its followers. Mr. Peck was no doubt agreeably surprised to find that the election was conducted by a show of hands and not, in accordance with an old Council custom, by ballot. We should like to think that this method of open election is a forerunner of less secret government in future. In this connection we should like to direct attention to the frank report published last month by the Finance Committee of the General Medical Council. Under the heading "Principal Variations in Income and Expenditure," the year 1934 is compared with the year 1933, and tabulations showing (1) items of income showing an increase; (2) amount of increase; (3) explanation; (4) items of expenditure; (5) approximate amount of increase; (6) explanation. In view of the colossal income of the Pharmaceutical Society (nearly £100,000 per annum), it is not unreasonable to expect that a more detailed statement as to how this huge annual increment is to be handled should be made available to those of us who are under tribute to pay annually a pharmaceutical levy. Perhaps this is a matter to which the new councillors will give attention. Mr. Noble has, after all, been persuaded to accept co-option for a second time. He has a year in which to justify the confidence of the Council selectors. Apart from any consideration as to Mr. Noble's qualities (and few would dispute them), it would be gratifying to know that in the event of future vacancies on the Council, the *proxime accessit* candidate would be appointed as Mr. Noble has now been selected. Is this too much to expect?

**The C. & D. Retail Price List**

THE price changes of the month in *The Chemist and Druggist Retail Price List* which are announced elsewhere in this

issue (p. 692) prompt us to direct attention to a service which we have been, and are, proud to render to our subscribers. There is plenty of evidence to show that the *C. & D. Price List* is a boon to the retail chemist who is engaged in a trade which has become, or has been made perhaps, the most complicated of any among a nation of shopkeepers. The making of a price list such as is ours is obviously no easy matter. It has been well said that "To criticise is easy; the art is difficult." So trite a saying may be applied to the making of price lists for the business of the chemist and druggist. It is the earnest endeavour of those responsible for the production of the *C. & D. Price List* to standardise prices on a proper administrative basis, and we are confident that ours is the only price list available to the retail chemist that indicates a basis of cost on which selling prices can be established. There is evidence enough in pharmacy elsewhere that lack of criticism is pounced upon as evidence of complete satisfaction and confidence. That is not our view. Criticism we accept as a natural corollary of a live project. Here are some of the comments on the *C. & D. Price List* recently received:—

- (1) *Lotio Calaminae*, according to the *C. & D. Price List*, costs 2s. 4d. lb., selling at 4d. oz. In nearly all other lists it costs about 1s. 6d., selling at 2½d. oz. or 3d.
- (2) *Citronella Oil*. Our price (cost) is 5d., but in two other lists it is sold at 5d., our price being 9d.
- (3) *Oleum Cajuputi*. 7d., in comparison with 5d.
- (4) *Bisidia (Schacht)*. We have as cost 126d. lb., selling at 1s. per oz.; in other lists it sells at 9d. oz.

Our comments are as follows:—

(1) *Lotio Calaminae* is costed in the list at 28d. per lb., which figure was based on dispensing it *ad hoc* for any patient. Until it came into the *C. & D. List* it did not appear in drug lists, and, naturally, we based it on the dispensing department. Since it is now purchased by chemists instead of being made by them, perhaps it will be better to quote the competitive figure instead of the superior calamine lotion. Calamine can be bought at 8d. or 1s. 8d. per lb. Experienced pharmacists prefer the latter.

(2) *Citronella Oil* in the list of a leading drug house is 5d. per oz. If we begin cutting prices there will be no end. It is better to conserve standard prices. Ours is standard citronella bought in oz. lots, and not by the lb.

(3) *Oleum Cajuputi* is quoted in the list referred to at 6d. per oz.

(4) If *Bisidia* costs 126d. per lb., it should not be sold at less than 1s. per fl. oz. Its gravity allows 14 oz. to the lb., and when a pound has been dispensed 14s. is received for an expenditure of 10s. 6d. The turnover in the majority of pharmacies will not exceed once for a pound in one year. Price-cutting spells ruin, and the *C. & D.* will not encourage it. We try to standardise prices on a proper remunerative basis. We feel sure that the answers to the points raised will satisfy those who put the questions, and will clearly show that the *C. & D. Price List* is not compiled in any haphazard manner. Guesswork has no place in its compilation, and it may be that this fact alone is sufficient to distinguish the *C. & D. Retail Price List* from others without emphasising its completeness.

## The Cult of the Sun

ELSEWHERE in this issue we draw attention to some of the multitudinous modern products which are issued in connection with the pastime of basking in the sun. It is perhaps difficult to realise that only a few decades ago it was considered *de rigueur* for the gentlewomen of the period to cover themselves up from the effects of too much sunshine. With this object in view they sallied forth in the summer months heavily veiled and carrying a parasol so that the tradition that a delicate white skin typified the lady who never soiled her hands should be maintained. In these days, when it is considered perfectly normal for a woman to present a sun-baked epidermis, sunshade makers and manufacturers of veils are at a discount and the trade pendulum has swung in the direction of the chemist, who is by his training and specialised knowledge able to offer the sun seekers something which will guard their skin against disfigurement, but at the same time will enable them to enjoy what are now universally recognised as the health-giving rays of King Sol. Many chemists will remember the slogan "Handsome men are slightly sunburnt," and to encourage the beauty of the male it was possible to obtain a preparation which would tint the skin to the desirable shade associated with health. Nowadays women are on a level with men in this desire to obtain a healthy tint to the skin. Sufficient is known regarding exposure to the sun's rays in this country for everyone to appreciate a word of warning against too sudden or too prolonged an exposure. The evidence of a successful holiday being to return to the daily routine with a brown skin, many imprudent holiday makers undergo, and, as it happens, needlessly, during the early days of their holidays a baking in the sunshine, only to find out later on that they had in fact sustained painful injury. Since burns and sunburn are closely enough related to be considered together from the selling point of view, it is perhaps opportune to discuss briefly how ordinary burns are treated. It has always been understood that the chief object in the treatment of minor burns should be to exclude the air as rapidly as possible. For this purpose the celebrated carron oil was invented by ironworkers at Falkirk. The composition of carron oil is, of course, well known. Later on a solution of 1 per cent. picric acid was introduced as a superior preparation. The most modern treatment of burns, however, and probably the most successful, is the application of tannic acid either by means of a spray or a solution. The question with regard to sunburn is whether any of the types of preparations mentioned above are suitable and if so which is the most suitable. If we are to judge from the various preparations issued by manufacturers who have presumably given a considerable amount of thought to the question, there is little doubt that oily preparations are most advantageous, and in the article already referred to there are several mentioned for prevention of sunburn and for the relief of after-effects if the damage has been done. Picric acid solutions do not appear to find favour as a means of preventing or relieving sunburn. Whether or not tannic acid would be a suitable preparation is a matter for future experiment, but as solutions of tannic acid for the treatment of ordinary burns must be freshly made, it is improbable that such solutions would be suitable for use in cases of sunburn. A feature of many sunburn preparations is that not only do they help to prevent or relieve the effects of sunburn, but

they also provide a tan colour for the skin which serves the dual purpose of protecting the epidermis from the highly actinic rays, and at the same time gives a semblance of sunburn immediately. So soon as the skin has manufactured the coloured pigment then the epidermis gives protection against the actinic rays, and periods of exposure to sunshine may be prolonged, all that is necessary being the occasional application of a sunburn preparation. There are numerous preparations of calamine lotion which still find a place on the pharmacy shelves and there is no doubt that calamine is still a formidable competitor among the newer preparations, especially when the skin has been scorched or reddened. It will repay the chemist to devote some time to the study of sunburn and the preparations which are used against it. There is no reason, of course, why a chemist should not make his own sunburn preparations. Nevertheless, in these days of fierce competition it is often advantageous to benefit from the research carried out by manufacturers and at the same time participate in the distribution of sales-aid material.

## The Pasteurisation of Milk

It may be remembered that in 1923 the Milk (Special Designation) Order defined pasteurisation as the retention of milk at a temperature of not less than 145° F. and not more than 150° F. for at least half an hour and its cooling immediately afterwards to a temperature of not more than 55° F. The question of the most efficient method of pasteurising has again arisen in two monographs, the first a paper in "The British Medical Journal" of May 11 by Dr. I. Walker Hall, of Bristol University, assisted by Mr. F. Nicholls, the second a Ministry of Health report (No. 77 of the Public Health and Medical Subjects series: Stationery Office, 1s. 3d.) by Sir Weldon Dalrymple-Champneys, Bt. Dr. Walker Hall returns to the advocacy of "flash" heating (to 160° F. or less), and contends, with the aid of bacteriological evidence, that this method of preventing or retarding bacterial contamination should be adopted—and at an earlier stage in the handling of milk than is customary in the official process. He adds that a similar protection for cream marketed in bulk should be tried. Further, his findings "point to the possible value of flash heating in the dairy and a shortened heating at 145° prior to distribution." The report of Sir Weldon Dalrymple-Champneys is almost entirely devoted to the practical problems confronting the producer, whose plant is shown to yield, in many cases, less trustworthy results than it might in theory be assumed to yield. The causes of this failure are discussed in detail, and means for preventing it are suggested. The report is the outcome of many years' study of a highly technical subject, and it has been presented as simply as possible. The Cattle Diseases Committee of the Economic Advisory Council has already recommended that the pasteurisation of milk should only be permitted in plants the design of which has been officially approved, which have themselves been tested on erection to ensure that they conform to the approved design, and which are frequently inspected during working by an officer of the sanitary authority, who should apply prescribed tests and record the results. It may therefore be expected that this important subject will not be allowed to lapse into oblivion.

## Wills

MR. JOHN LEWIS JENKINS, J.P., Bridge Street, Haverfordwest, Pembs., chemist and druggist, a former Mayor and Sheriff of Haverfordwest, who died on September 5 last, aged sixty-eight, left property gross value £6,690, with net personality nil.

MR. REGINALD JANSON HANBURY, Foxbury, Woldingham, Surrey, a director of Allen & Hanburys, Ltd., Plough Court, Lombard Street, E.C., and Bethnal Green, E.2, who died on March 20 last, aged fifty-seven, left £30,333, with net personality £20,482.

# Pharmaceutical Society of Great Britain

## Council Meeting

A SURPRISE was one of the features of the June meeting of the Council of the Pharmaceutical Society of Great Britain, held at 16 Bloomsbury Square, London, W.C.1, on June 5. In previous years the election of the principal officers has been conducted by ballot, but this time they were elected by show of hands. It was obvious that the new method gave satisfaction to Mr. Peck, who was appointed president, and to Mr. Marns, who was elected vice-president. Mr. John Keall, the retiring president, took the chair at the outset of the meeting, and first alluded with gratification to the fact that he and Mrs. Keall had had the privilege of representing the Society at the King's Jubilee Service in St. Paul's Cathedral. He extended a hearty welcome on behalf of the Council to the two new members, Messrs. Lloyd and Young. Some of them had worked with Mr. Lloyd on the Council some years ago, and they knew that he would give of his best. Mr. Young had played an important part in London organisation, and with his experience of pharmacy in general they could rely on him also being of great service to the Council. Mr. Lloyd, returning thanks, assured the members that he would do all he could to help the work of the Council and pharmacy generally. Mr. Young, also acknowledging the welcome, said the Council were trying to find a formula which would bestow peace and prosperity on pharmacy. He was particularly interested in the small retail man in pharmacy, and he hoped to be of service so that he could feel that to some extent he had justified his election to membership.

### TUESDAY'S PROCEEDINGS

Among the business dealt with by the Council at their meeting on June 4 were the following items:—

A letter was received from the British Standards Institution notifying the proposed appointment of a committee to prepare a British standards specification for chemical symbols and abbreviations, and inviting the Society to appoint a representative to serve on it. The Council appointed Dr. W. H. Linnell.

The secretary reported the vacancy on the Council due to the death of Mr. T. Hardy. To fill the vacancy Mr. C. A. Noble of Edgware was co-opted.

Authority was given for the registration of Miss C. H. Batten of New Zealand, Miss M. G. Hughes of Northern Ireland, and Mr. John Kerrigan of Northern Ireland.

### DEATHS

MR. KEALL made sympathetic reference on June 5 to the deaths of various well-known people, including Sir Almeric Fitzroy, for many years Clerk to the Privy Council, and Mr. Percy Arthur William Self, for many years a member of the Board of Examiners for England and Wales. Mr. Keall reminded the Council that in 1930 Mr. Self delivered the Harrison memorial lecture and received the Harrison memorial medal, and that he was a member of the Advisory Committee to the Poisons Board.

MR. MELHURST, extolling the work of Mr. Self, said although he left the ranks of the ordinary practising pharmacist, he still retained his interest in the everyday work of the pharmacist.

The Council signified their sympathy by standing in silence.

### ELECTION OF PRESIDENT

MR. KEALL proposed that Mr. E. Saville Peck be elected president.

MR. ROWSELL, seconding, said they all knew Mr. Peck's work, which was self-evident. Mr. Peck had endeared himself to all by his love of the work, and the able way in which he had carried it out. He had over a great number of years served as chairman of the Education Committee, and the Council, as a body, owed him a deep debt of gratitude. Mr. Rowsell added that he was delighted to see that they had

come to the stage when they could propose and elect one man, without a ballot, to the office of president. The selection of the vice-president should always be made with great care, and when he was in that office he should know, and his colleagues should know, that within the next year or two he would become president. (Applause.)

MR. KEALL, addressing the new president, emphasised that Mr. Peck had been unanimously elected and then asked him to take the chair. Mr. Keall then invested Mr. Peck with the chain of office, and expressed the wish that his period as president would be very happy. He felt sure that Mr. Peck would serve the Council and the Society very well indeed.

MR. PECK, returning thanks, said he appreciated greatly the honour that his colleagues had conferred upon him, and more particularly the charming way in which the selection and election had been carried out. He would do his best to uphold the dignity of the great old Society, now rapidly approaching its centenary, and to carry on the work according to the best traditions. He was fully alive to the responsibilities which attached to the office of president, particularly at this time when the Society was entering a new era, with no less a membership than 22,000. He also realised how many serious problems they would be called on to solve. During the last eight or ten years they had made a great advance in the standard of their qualification, and it would be his firm resolve—and he was sure he would have the co-operation of every member of the Council—to endeavour to obtain for pharmacy some of the privileges which it had long lacked. Personally he was conscious of many shortcomings, but, having the assurance of the loyal co-operation and assistance of the immediate past-president, officers, members of the Council, and the most efficient staff, he felt confident he would succeed. At any rate, he felt they could look forward with confidence to the future, and if they could not command success they would do more—deserve it.

### TRIBUTE TO RETIRING PRESIDENT

THE PRESIDENT then presented the past-president's badge to Mr. John Keall. Mr. Keall, he said, had been a great president, and his conduct in the chair had earned the admiration of all his colleagues. He (the speaker) could not remember Mr. Keall's ruling ever having been challenged. They all knew and envied his vigour, his enthusiasm, his sound common sense and his forthrightness.

MR. KEALL, in acknowledging Mr. Peck's compliments, paid a tribute to the way the new president had helped him during the last two years. He would treasure the badge as a memento of two very happy years. He had also had great help from the staff, from the secretary to the humblest member, and every consideration from the representatives of the Press. Mr. Keall said he could not refrain from paying a tribute to Mrs. Keall for the work she had put in in connection with the many social functions arranged by the Society during his period of office.

### ELECTION OF VICE-PRESIDENT

MR. PARRY nominated Mr. Marns as vice-president. Mr. Marns, he said, had been a member of the Council for many years. In the work that he had undertaken as chairman of the Law Committee, and in other directions, he had shown marked ability which qualified him for his new office.

MR. ANTCLIFFE cordially seconded the resolution.

MR. SKINNER said how pleased he was to be able to support the nomination of Mr. Marns. He and Mr. Marns had been very close friends for many years, and it would be a great pleasure for him (the speaker) to see Mr. Marns occupy the vice-chair. The resolution was carried with enthusiasm.

MR. MARNs, thanking the Council for electing him, said he was deeply sensible of the great honour they had done him, and, like Mr. Peck, he was very gratified at the very charming way in which the election had been carried out. That to him would always be a very pleasant memory. He realised the difficulties associated with the position, and that he had a great deal to learn, but he would regard it as a privilege to serve the Society to the best of his ability and to give loyal

service to his immediate chief. It was interesting to reflect that Mr. Peck and he came on the Council together, and they had worked side by side ever since. Forty years ago a distinguished townsmen of his, Alderman John Harrison, had occupied the vice-chair, and he felt it a great honour to be elected to take up a similar position.

#### RE-ELECTION OF TREASURER

THE PRESIDENT proposed the re-election of Mr. Neathercoat as treasurer. The proposal was carried unanimously.

MR. NEATHERCOAT, returning thanks, said he was very grateful to the Council that after all the years of service he had been able to render they had provided him with a further opportunity of giving service to the society with which he had been so long and intimately connected.

#### ELECTIONS AND RESTORATIONS

Four persons were elected student-associates, and there were six restorations as student-associates. Eighty-one persons were restored to the Register. The registrar reported that sixty-seven persons had been registered as apprentices or students.

#### PETRIE TRUST BURSARY

In accordance with Dr. J. F. Tocher's recommendation, the Petrie Trust bursary was awarded to John Crombie Morrison Phillips.

#### HANBURY MEDAL

The report of the adjudicators for the Hanbury Memorial Medal stated that they had awarded the Medal for 1935 to Frank Lee Pyman, D.Sc., F.R.S.

#### BENEVOLENT FUND COMMITTEE

The report of the Benevolent Fund Committee showed that sixteen applications had been considered, and grants made or recommended ranging from £10 to £60. Several special contributions were announced.

#### WAR AUXILIARY BENEVOLENT FUND

The report of this committee showed that three applications had been considered, and grants made of £26 in each case.

#### FINANCE COMMITTEE

The financial statement showed that the receipts since the last meeting, including a balance of £39 18s. 2d., amounted to £7,923 19s. 8d., comprising the following items:—Retention fees, £1,072 11s. 6d.; subscriptions, £20 15s. 6d.; College—School of Pharmacy, £85 18s.; College—Pharmacological Laboratories, £500 17s.; registration fees, £157 10s.; restoration fees, £30 9s.; examination fees, £2,518 19s.; penalties and expenses, £86 8s. 10d.; interest on investments, £91 3s. 5d.; rentals, £277 10s. 11d.; "Pharmaceutical Journal," £1,945 14s. 2d.; Pharmaceutical Press, £1,053 15s. 7d.; Quarterly Journal, £7 3s.; insurance commission, £10 0s. 10d.; sale of library books, £2 18s. 9d.; F.S.S.U. contributions, £15 17s. Payments ordered at the last meeting amounted to £7,319 0s. 3d., and £600 had been transferred to the deposit account, leaving a balance of £4 19s. 5d. The balances on the other accounts were:—Benevolent Fund (current account), £44 3s. 11d.; Benevolent Fund (donation account), £49 19s. 3d.; War Auxiliary Benevolent Fund, £36 2s. 5d.; Hills Orphan Fund, £2 19s.; Orphan Fund, £35 5s. 3d. Accounts amounting to £7,580 7s. 6d. were passed for payment, and the action of the secretary in making payments amounting to £1,363 7s. was approved.

#### EDUCATION COMMITTEE

The Education Committee reported that the date for the Scholarships examination to be held in 1936 would coincide with the dates for the statutory examinations. The Committee made the following recommendations:—(a) That the examination shall be held in future on the second Tuesday and Wednesday in June instead of the third Tuesday and Wednesday in that month; (b) That the last date for entries to be received be May 13 instead of June 1; (c) That the Regulations as amended take effect on the day immediately following the June 1935 Scholarships examination. In view of the alteration in the subjects of the Pharmaceutical Chemist Qualifying examination in 1937 and thereafter, the Committee made certain recommendations regarding the Council Prizes examination. Several applications for approval of full-time courses of instruction for the Preliminary Scientific examination were dealt with by the Committee.

#### LAW COMMITTEE

The report of the Law Committee, presented by MR. ANTCLIFFE, stated that in England and Wales, since the last report, 703 shops have been visited; of these 410 were chemists' shops. In all the chemists' shops certificates were exhibited. At thirteen of the remaining shops visited certain infringements of the Pharmacy Acts were reported. In Scotland, since the last report, fifty-two chemists' shops have been visited, in all of which certificates were exhibited.

## General Medical Council

THE hundred and forty-first session of the General Medical Council opened at 44 Hallam Street, London, W.1, on May 28, the president (Sir Norman Walker) in the chair. The president began his address by reading the Council's loyal address to the King. The remainder of the address followed familiar lines—obituary tributes, welcome to new members and forecast of the business of the session. Referring to the number of students registered during 1934 the president said:—

I recall our past experience that when trade is bad, entries of medical students go up, and vice versa. There are schools which are conscious of the fact that their equipment and staff are being severely strained, and that they must consider limitation of entry. But there is a general feeling of hope in the air to-day, and perhaps the severe limitations under consideration in some places may not be necessary. There will not, I feel sure, be any tendency to lower the standard of entry even if numbers do go down a little.

Surveying the Council's finance, the president mentioned that for the first time since 1929 there was a deficit (about £650) on the year's working. He added that taking the last quinquennium there was no cause for alarm. (The report of the Finance Committee included a detailed analysis of the causes of variation in expenditure between the years 1933 and 1934.)

#### DENTAL BUSINESS

After consideration of reports from the Dental Board (C. & D., June 1, p. 650), the Council directed that the names of Walter William Holmes and Robert Marley be erased from the Dentists Register.

#### DISCIPLINARY CASES

Following reports from committees the Council devoted the remainder of the day to the hearing of charges against five medical men. Mr. George Francis Donaldson Perrott, M.R.C.S., L.R.C.P., 25 Bromefield, Stanmore, had been summoned a year ago in consequence of convictions for drunkenness; judgment was now postponed for another twelve months, with the usual proviso as to satisfactory testimony. Mr. James Scott Webster, M.B., Ch.B., 31 Bank Road, Bootle, had been originally before the Council in November 1933 following convictions under the Dangerous Drugs Acts; the case was now ended by the retention of his name on the Register. Mr. Victor Cecil Tugman, M.R.C.S., L.R.C.P., 4 Stanton Court, Greenhill, Weymouth, who first appeared in November 1933 after convictions for being under the influence of drink, was similarly dealt with. Mr. William Samuel Dixon, M.B., B.Ch., Fifth Street, Horden, co. Durham, charged in June 1934 with canvassing, now appeared and was told that his name would remain on the Register. Mr. Alexander Beck Cluckie, M.B., Ch.B., 25 Brock Street, Bath, summoned after convictions for drunkenness, was allowed twelve months for the production of suitable testimony.

On May 29 eight cases were taken. It was directed that the names of three of the respondents be erased from the Register—Mr. William Forbes-Leslie, M.B., C.M., Birkwood, Banchory; Dr. Samuel Ramsay Sibbald, Mariners' Parade, Canning Place, Liverpool; Mr. Paul Vertannes, L.R.C.P.Edin., etc., Stratford House, Ilkeston. The other cases ended favourably for the medical men concerned. Mr. William Graham, M.B., B.S., Manor Road, Tynemouth, charged with motoring offences, was allowed twelve months for the production of testimony. The case of Mr. Robert Valentine Hirsch, M.R.C.S., L.R.C.P., 70 Westbourne Terrace, W.2, convicted of offences under the Dangerous Drugs Acts, was adjourned to the November session. The remaining three respondents were ordered to return for judgment next May—Mr. Samuel Patrick McGrath, M.B., B.Ch., 27 St. Julian's Farm Road, S.E.27 (motoring offences); Mr. Cecil John Rhodes Morrison, L.R.C.P.Edin., etc., c/o 26 Bishopsgate, E.C.2 (drunkenness); Mr. Oladipo Lahanmi, L.M.S.S.A., 2 Levenshulme Road, Gorton, Manchester (theft).

(To be continued)

## Irish Chemist Golfers

THE fine course of the Rosslare Golf Club at co. Wexford was chosen by the Irish Chemists' Golfing Society as the venue for this year's annual tournament. Pharmacists came from many parts of the Free State, and valuable prizes were up for competition. The tournament was brought to a close with an enjoyable social function. At the conclusion of the dinner the toast of "The Irish Chemists' Golfing Society" was proposed by Mr. Phil Ryan, the captain of the Society. Mr. J. Gorry (Naas) seconded, and other toasts followed. The occasion was taken by the members of the Society to make a presentation of a fine canteen of cutlery to



SOME OF THE COMPETITORS AT THE CHEMISTS' GOLF TOURNAMENT AT ROSSLARE

Front row (left to right): J. F. Costello (vice-president of the Pharmaceutical Society of Ireland), T. Toher (Sligo), Dr. Laird (Limerick), Phil Ryan (capt.), J. Gorry (Naas), W. F. Kirby (Wexford), P. D. Larkin (Drogheda).

Second row (left to right): W. R. Such, J. Whelan (Galway), J. McCormack (Wexford), E. McManus (Chapelizod), P. C. Cahill (Dublin), P. Fahy (Dublin), B. Smith (Dublin), I. Dawson.

Back row (left to right): P. Kavanagh (Galway), D. O'Reilly (Dublin), J. J. Roche (Dublin), and J. Laird (Limerick).

one of their most esteemed members—Mr. John Whelan of Galway—on the occasion of his marriage. Mr. Whelan thanked the members for their generosity and kindness, and said their gift would be one of his most prized possessions. The following is the list of prize winners and donors of the prizes:—

Donors of Prizes	Winners
Aspro, Ltd.	D. O'Reilly (Dublin).
Ayrton, Saunders & Co. (Dublin), Ltd.	Brendan Smith (Dublin).
Kolynos, Ltd.	P. Kavanagh (Galway).
Dublin Drug Co.	J. Whelan (Galway).
Evans Sons Lescher & Webb (Ireland), Ltd.	A. Thornton (Enniscorthy).
Irish Pharmaceuticals, Ltd.	E. McManus (Chapelizod).
T. Guest & Co., Ltd.	D. O'Reilly (Dublin).
Thos. Harley, Ltd.	J. McCormack (Wexford).
The Tek prize	B. Smith (Dublin).
The Dundalgan prize	T. Toher (Sligo).
T. Waide & Sons, Ltd.	D. O'Reilly (Dublin).
Nyal, Ltd.	M. Dawson (Dublin).
Heath Bros.	R. Bates (Dublin).
Boileau & Boyd, Ltd.	J. Costello (Galway).
Macleans, Ltd.	J. Gorry (Naas).
Gillette Industries, Ltd.	J. J. Roche (Dublin).
Wilcox, Jozean & Co., Ltd.	J. McCormack (Wexford).
J. C. Eno, Ltd.	T. Toher (Sligo).
Bourjois, Ltd.	B. Smith (Dublin).
Captain's prize	J. Laird (Dublin).
Mentholutum Co., Ltd	P. Cahill (Dublin).

The next outing of the Society will be held at the Hermitage Golf Club, co. Dublin, when the Free State chemists will meet the chemists of Northern Ireland in competition for the B.D.H. cup. Intending competitors should notify Mr. A. F. Roche, Secretary, Irish Chemists' Golfing Society, 34 Donnybrook Road, Dublin, as early as possible. Chemists with cars are invited to attend at Amiens Street Station to assist in transporting the Northern visitors to the course.

## Scottish Pharmaceutical Federation

A meeting of the Executive Council of the Scottish Pharmaceutical Federation was held in Edinburgh on May 22, Mr. P. M. Duff (president) in the chair. Twenty-four applications for membership were passed. Among the Food and Drugs (Adulteration) Act cases reported was a charge of selling lime water alleged to be deficient in calcium hydroxide to the extent of 54 per cent. The member, who was defended by the Federation's solicitors, pleaded "Guilty" and was dismissed with an admonition. It was reported that a child thirteen years of age had been in the habit of going messages for a member or his wife for which she did not receive any pay but an occasional sixpence, chocolate or sweets; the member had been charged by the police for employing the child notwithstanding the fact that she received no payment in respect of wages. The case was placed in the hands of the Federation's solicitors, who stated that it was not necessary to prove that the child was paid, as under the Children and Young Persons (Scotland) Act a person who assists in a trade or occupation carried on for profit shall be deemed to be employed "notwithstanding that he received no reward for his labour." The complaint was ultimately withdrawn in view of the special circumstances of the case. A member was charged under the Dangerous Drugs (Consolidation) Regulations, 1928, for failing to keep in a register true particulars with respect to every quantity of any drug or preparation supplied by him in respect of three shops, two of which the member had since given up. The case was placed in the hands of the Federation's solicitors, who objected, when the case was heard, to the competency and relevancy of the complaint on the grounds that it was lacking in specification and that the charges covered periods more than six months before the date of the complaint. The sheriff sustained the solicitors' objections to the relevancy of the complaint and dismissed it. The Procurator Fiscal, however, asked for a stated case for appeal.

A claim was made by a member against the tenant of a house for £13 7s. in respect of damage caused to the member's shop ceiling, wrapping paper, boxes and cartons as a result of an overflow of water from the tenant's kitchen sink caused by his leaving his kitchen tap on. A decree for the amount claimed and expenses had been obtained. A claim was made by a member against a County Council for £7 in respect of damage by water to goods in the basement of his shop as a result of negligence is not dealing promptly with a burst water pipe. It was reported that the Federation's solicitors had recovered £5 for the member in settlement. A member was informed that as a sum was paid for the stock, fittings and goodwill of a business, and the value of the prescription-books was not specifically excluded therefrom, the prescription-books must be handed over to the purchaser of the business, and that the seller of the business is not entitled to ask for an additional sum in respect of the prescription-books.

The fact that the cost of slip labels was about 2s. 6d. per 1,000 compared with 1s. per 1,000 before the war was taken up with five label printers in Scotland. Replies indicated that a printer's minimum wage before the war was £1 16s. a week compared with the present minimum wage of £3 17s. 6d., while a girl's wage, which was 15s. a week is now 34s.; that the cost of paper, ink and other material is also well in advance of that ruling before the war; that chemists' orders have fallen off considerably as a result of the large stocks of packed goods now stocked by chemists; and that a reduction in the price of chemists' labels is not possible. It was decided to do nothing further in this matter at present.

The scrutineers' report in connection with the Council Election for 1935-36 was given; the following were declared duly elected members of the Executive Council for 1935-36:—Aberdeen and North-Eastern Area, R. Alexander Strichen and M. K. Watt, Aberdeen; Dundee and East and Central Area, John H. Ferguson, Dundee, and James P. Ferrier, Dundee; Edinburgh and South-Eastern Area, B. Cartwright, Galashiels, Peter Nisbet, Leith, and John H. Tainsh, Edinburgh; Glasgow and South-Western Area, P. M. Duff, Glasgow, W. Spence Culbert, Airdrie, John Weir, Clydebank, Samuel McConnell, Johnstone, C. A. Buick, Port Glasgow, and H. W. Thomas, Glasgow. The accounts for the year ended April 30, 1935, which showed a substantial surplus, were approved, subject to audit.

KING SOL

## The Silent Salesman

## Notes on some Sunburn Preparations

ALTHOUGH sunburn preparations have enjoyed a modest sale for many years it is only recently that the popular cult of sunbathing and the tendency towards the open-air type of holiday have created such a widespread demand. How long this demand will last it is difficult to say, but while it does it is up to the chemist to take every advantage of the sales opportunity offered. There is no reason, of course, why chemists should not prepare their own sunburn specialities; a good selection of formulas will be found in "Pharmaceutical Formulas," vol. II. It is obvious, however, that in a competitive market such as this a great deal depends on style of pack, display material, etc., and in this connection the manufacturer probably scores.

Following are brief particulars of the preparations illustrated; in some cases only single products have been selected from comprehensive ranges:—

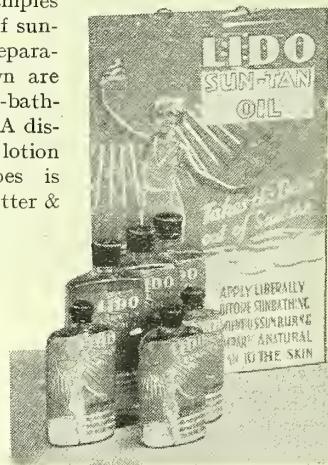


Above: Sun-bathing talcum and sun-bathing oil, two products from the range of The Dubarry Perfumery Co., Ltd.

Left: Sunburn lotion by Macleans, Ltd. Sunburn cream in tubes is also available in the same distinctive style.



Above: Torch brand sunburn lotion, an attractive pack by Allen & Hanburys, Ltd.



Right: Lido sun-tan oil from Potter & Clarke, Ltd.



Above: Sun-tan oil from the range of Arthur H. Cox & Co., Ltd.

Allen & Hanburys, Ltd.—Torch brand sunburn skin lotion, neatly packed, with an attractive showcard. The Dubarry Perfumery Co., Ltd.—Examples from the Dubarry range of sunburn and sun-bathing preparations; the products shown are sun-bathing talc and sun-bathing oil. Macleans, Ltd.—A distinctive pack of sunburn lotion (sunburn cream in tubes is available in this style). Potter &

Clarke, Ltd.—The Lido series is well packed and backed up by excellent showcards. Arthur H. Cox & Co., Ltd.—A delicately perfumed vegetable oil in neat bakelite-capped bottles. Parke, Davis & Co.—The well-known Dermalac almond lotion suggests itself as a useful line for sunburn; showcards are available.



Left : Dermalac cream with showcards. Parke, Davis & Co.

Right : Nurona sun-tan cream from James Woolley Sons & Co., Ltd.

Below : Two Butywave lines with showcards.



Below : Outdoor Girl sun-tan oil. Crystal Products, Co., Ltd.



The Butywave Co.—Butywave sunburn cream and sun-tan toning are attractive and useful companion lines; they are shown together with their appropriate showcards. Zon Laboratories.—Ample show material is available for Zon sun-bathing oil; the product is neatly cartoned. Skuse & Co., Ltd.—Skuse's sun-tan jelly meets the demand for a tubed product; colourful cartons are packed in attractive display outers. James Woolley, Sons & Co., Ltd.—Since this article was prepared a new showcard for Nurona sun-tan cream has been received; the card depicts a seaside scene and is attractively coloured. Crystal Products Co., Ltd.—The illustration shows sun-tan oil from the popular Outdoor Girl range. The Crookes Laboratories (British Colloids, Ltd.)—Collosol Zinc Cream and Collosol

Lacto-calamine are recommended by the makers as specially suitable for this market. The company is prepared to arrange with chemists for a standard display of these lines.

One of the advantages of sunburn preparations is that they can be shown as a part of almost any type of window display during the summer months. For example, in the *C. & D.*, May 25, p. 619, they were used in a "cruising" window show and in a holiday display. Many other suitable combinations readily suggest themselves. Nor is display material lacking; indeed the reverse is the case, and manufacturers appear to have gone to considerable expense and trouble to assist chemists to sell these goods.



Above : Sun-tan jelly by Skuse & Co., Ltd.

Above : Zon sun-bathing oil. Zon Laboratories.

Right : Two Collosol preparations suitable for the treatment of sunburn. The Crookes Laboratories (British Colloids, Ltd.)



# British Pharmaceutical Conference

THE following papers have been received for communication to the Belfast meeting of the British Pharmaceutical Conference, and will be read at the science sessions on June 25 and 26:—

- (1) "Thyroid Standardisation and Dosage." By R. F. Corran, B.Sc., Ph.D., A.I.C., J. Pritchard and F. E. Rymill.
- (2) "The Effect of Hot Solvents on Ergot; with a Note on the Effect of Storage on the Activity of Ergot." By R. F. Corran, B.Sc., Ph.D., A.I.C., and F. E. Rymill.
- (3) "The Estimation of the Mercury Content of Mercuro-chrome." By R. F. Corran, B.Sc., Ph.D., A.I.C., and F. E. Rymill.
- (4) "The Determination of Ferrous Iron in Presence of Organic Matter by Heisig's Method." By G. J. W. Ferrey, B.Sc., A.I.C.
- (5) "Observations on the Preparation and Properties of Iodoform and Thymol Iodide." By Norman Glass, A.I.C.
- (6) "The Preparation of Sterile Solutions—II." By H. Davis, B.Sc., A.I.C., Ph.C.
- (7) "The Assay of Glyceryl Trinitrate Tablets." By Wilfred Smith, B.Sc., A.I.C.
- (8) "Glyceryl Trinitrate Tablets." By H. O. Meek, Ph.C.
- (9) "Percolation of Cinchona and Belladonna: the Rate of Alkaloid Extraction and Effect of Degree of Comminution." By A. W. Bull, B.Sc., B.Pharm., A.I.C., Ph.C.
- (10) "A Note on Isopropyl Nitrite." By C. L. M. Brown, Ph.C.
- (11) "The Glycols (with Especial Reference to Propylene Glycol)." By C. L. M. Brown, Ph.C.
- (12) "The Melting Point of Chloral Formamide." By C. T. Bennett, B.Sc., F.I.C., Ph.C., and N. R. Campbell.
- (13) "The Assay of Quinine in Ferri et Quininæ Citras and Quinine Salts." By J. S. Toal and A. J. Jones, A.I.C., Ph.C.
- (14) "Alcohol Content and Specific Gravities of Tinctures of the British Pharmaceutical Codex, 1934." By C. T. Bennett, B.Sc., F.I.C., Ph.C., and F. C. L. Bateman, B.Sc.
- (15) "The Use of Rabbits in the Assay of Digitalis, Strophanthus and Squills." By G. N. Rapson, B.Sc., and S. W. F. Underhill, M.B., B.Ch.
- (16) "The Oestrogenic Activity of the Urine of Cows during Pregnancy." By M. M. D. Barrie, B.Sc., J. B. E. Patterson, M.Sc., A.I.C., and S. W. F. Underhill, M.B., B.Ch.
- (17) "The Deterioration of Atropine Eye Ointments on Storage." By Noel L. Allport, A.I.C.
- (18) "An Improved Method for the Estimation of the Essential Oil Content of Drugs." By T. Tusting Cocking, F.I.C., Ph.C., and G. Middleton, B.Sc., A.I.C.
- (19) "The Relative Merits of Maceration and Percolation for the Preparation of Tincture of Digitalis." By H. Berry, B.Sc., A.I.C., Ph.C., and H. Davis, B.Sc., A.I.C., Ph.C.
- (20) "A Note on the Spectrographic Absorption of Ergometrine in Relation to the Maurice Smith Colour Test." By Noel L. Allport, A.I.C., and S. K. Crews, F.I.C., Ph.C.
- (21) "The Determination of Lead in its Official Compounds and Preparations." By S. Wetherell, M.Sc.
- (22) "The Stability of Aqueous Solutions of Ouabain and K-Strophanthin." By H. Berry, B.Sc., A.I.C., Ph.C.
- (23) "The Analysis of Some Complex B.P.C. Ointments." By D. C. Garratt, B.Sc., Ph.D., F.I.C.
- (24) "Estimation of the Extractives of Capsicum." By H. Berry, B.Sc., A.I.C., Ph.C.

Arrangements have been made for advance copies of the papers to be supplied to members of the Conference who desire to have them for the purposes of study before the meetings. Other members not requiring these advance copies may obtain copies at the meetings as at previous Conferences. Applications for advance copies must be received by the Honorary General Secretaries, British Pharmaceutical Conference, 17 Bloomsbury Square, London, W.C.1, not later than June 13.

## "C. & D." Retail Price List

THE changes in wholesale prices for the month of May were few, and the drug index changed only a decimal point from the preceding month, being 144.7, as against 144.6 and 143.6 for May last year. In surgical dressings the prices remained steady and the index figure was unchanged at 136.2, as against 136.0 in May 1934. The changes for selling and dispensing prices are set out below:—

d.	per	Cost	Selling Price			
			16 oz. s. d.	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
42	lb.	Anthemidis flores exot. ..	5 3	1 5	0 5	0 1
36	lb.	Anthemidis flores exot. sec. ..	4 6	1 2	0 4	—
48	lb.	Anthemidis florum exot. pulv.	—	1 9	0 6	0 1
7	oz.	Calcii bromidum exsic. ..	—	—	1 1	0 2
96	dr.	Cocaina .. .. B, F	per	gr.	0 5	14 0
90	dr.	Cocainæ hydrochlor. .. B, F	per	gr.	0 5	13 0
90	dr.	Cocainæ nitras .. .. B, F	per	gr.	0 5	13 0
90	dr.	Cocainæ salicylas .. .. B, F	per	gr.	0 5	13 0
144	lb.	Ext. cocæ liquidum .. B, F	—	5 6	1 7	0 3
66	lb.	Ext. ergotæ liquidum '14 B	—	2 6	0 8	0 2
132	lb.	Ext. kavæ liquidum .. ..	—	4 10	1 4	0 3
90	gal.	Ol. terebinthinae .. ..	pint	1 6	0 2	—
21	lb.	Syr. triplex B.P.C. .. C	—	1 1	0 4	—
66	lb.	Vin. cocæ .. .. B, F	—	2 5	0 9	0 2

## Business Changes

MR. J. MELVIN ANDERSON, chemist and druggist, has removed to 372 Cumbernauld Road, Glasgow.

MR. A. McALPINE, chemist and druggist, has purchased the business of Mr. D. Morrick, chemist and druggist, 75 Shawbridge Street, Pollokshaws, Glasgow.

MR. H. HUTCHESON, chemist and druggist, has acquired the branch business of Mr. W. Brownlie, chemist and druggist, at Meadow Place, Skelmorlie, Ayrshire.

MR. J. GOULD, chemist and druggist, Lanehouse Road, Thornaby-on-Tees, has acquired the business lately carried on by Mr. W. Denton Nimmo, chemist and druggist, at the same address.

From June 6 the address of Edward Hack, Ltd., will be Hanover House, 73-78 High Holborn, London, W.C.1 (offices and showrooms), and Lion House, 73-78 Red Lion Street, London, W.C.1 (laboratory, warehouse and factory). Telephone numbers will remain the same.

Two new appointments have been made to the board of directors of Scott & Turner, Ltd., Andrews House, Newcastle-upon-Tyne. The new directors are Mr. Sidney Traves, who has been sales manager for fourteen years, and Mr. J. C. Gambles, whose company holds the Andrews agency for the south of England.

R. J. REUTER CO., LTD., are removing their head office and distributing warehouse to Bedford Avenue, Slough, Bucks, to which address all orders and communications should be directed. The showroom and buying office will be maintained at 69 Carter Lane, London, E.C.4, for the convenience of provincial and London customers.

# Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values.

## 28 Essex Street, W.C.2, June 6

BUSINESS in spot goods continues in quite good volume and consumers appear to be realising that current values of many products, particularly crude drugs and essential oils, are below cost of replacement. The continued unstable position of the French franc and, in consequence, Continental currencies generally, is restricting forward business, where these exchange rates operate. It is partly on this account and the generally firmer stand being taken by shippers, that spot stocks are becoming depleted in quite a few lines. Despite these financial difficulties, quite a good business in re-shippments to the Continent continues, this being apparently a more attractive and safer market. In the pharmaceutical chemicals market the only change of importance is a reduction in QUININE SALTS, operating from June 6. SANTONIN is fully steady and in fair demand. Spot supplies of Continental pharmaceuticals continue to be offered at well under cost of replacement, and, in some instances, below the Convention prices.

### Crude Drugs

There has been a steady and fairly satisfactory volume of consuming business done in these commodities this week, but the main speculative lines remain in a bad way, particularly as regards values. There is a famine in CAPE ALOES, with nothing more for shipment before August; the Curaçao product is also very scarce and firm at dearer prices on spot; shipment prices are also dearer with substantial business recorded. The demand for AGAR on spot, in bond and afloat, has been good, with full prices being obtained. BUCHU continues fully steady. New crop CASCARA SAGRADA is steady at the reduction. Last season's CHAMOMILES are moving steadily on spot. Shipment prices for Norwegian COD-LIVER OIL are dearer and firm. The fishing season is nearly over and there is a definite shortage of oil yield. DERRIS Root continues active and firm. Russian ERGOT is quoted cheaper on spot. The demand for HONEY is still slow. MENTHOL has sold a little better on spot at unchanged prices. The Spanish-Italian group have put back their shipment price for MERCURY to the recent figure. In the WAX markets BEES' has been in good demand; spot stocks are reported short and are now firm at higher prices.

### Essential Oils

Business in these oils has been quite good in some lines, while others are neglected. ANISE (STAR) is fully steady on spot and firm forward. BERGAMOT remains dull. CASSIA is steady but quieter on spot. Ceylon CITRONELLA is at very low figures for shipment, but has failed to attract much interest for this market. BOURBON GERANIUM is firm for shipment of good quality oil. Sicilian hand-pressed LEMON for shipment has remained dull, but the tone tends to harden from current low values. LEMONGRASS for shipment has been neglected this week. ORANGE, from all sources, remains slow for the time of year. Japanese PEPPERMINT shows little change on the week and business has been slow. Spearmint is steadier again, with the recent cheap prices no longer available. In the FIXED OILS group LINSEED has been in better demand and closer firm at a slight advance. PALM OILS have been active and at good prices. AMERICAN TURPENTINE shows a further sharp decline.

### Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	June 6	Value of the £
Amsterdam	Fl. to £	12.107	7.32½	12/1
Berlin	Mks. to £	20.43	12.20	11/1½
Brussels	Belgas to £	nominal	29.13	16/7½
Copenhagen	Kr. to £	18.259	22.40	24/8
Lisbon	Esc. to £	110	109½	19/11½
Madrid	Ptas. to £	25.22½	36½	28/6
Milan	Lire to £	92.46	59.18	12/11½
Montreal	Dol. to £	4.86½	4.94½	20/4
New York	Dol. to £	nominal	4.95½	20/4
Oslo	Kr. to £	18.159	19.90½	21/11
Paris	Fr. to £	124.21	75.16	12/1
Prague	Kr. to £	164.25	118½	12/1
Stockholm	Kr. to £	18.159	19.39½	21/4
Warsaw	Zloty to £	43.38	26½	12/1
Zurich	Fr. to £	25.2115	15.22	12/0½

Bank rate 2 per cent.

### Pharmaceutical Chemicals, etc.

THE general tone is fairly steady and the forward position for Continental products is better with the healthier tone in exchanges. Spot quotations for most imported products continue below cost of replacement. Quinine salts are quoted cheaper. Business is still restricted mostly to spot goods.

AMIDOPYRIN.—Market quiet; cheap spot offers continue: crystals, five cwt., 18s. 0½d.; two cwt., 18s. 5½d.; less than two cwt., 18s. 10½d. per lb., ex store; powder, 2½d. per lb. extra.

AMMONIUM ICHIHIOSULPHONATE.—Fair inquiry; market competitive: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10½d., in 8-oz. tins; and 2s. 1d. per lb., in 4-oz. tins.

ASPIRIN.—Makers' scale of prices maintained; average business: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 4 lb., 3s. 2d.; 1 lb., 3s. 4d. per lb. Bulk packing free, net, carriage paid. Contracts: Over twelve months, minimum, one ton; over six months, less than one ton.

ASPIRIN (TABLETS).—The wholesale scale of prices is as follows: Under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; 2,000,000 and over, 2s. 2d. per thousand tablets. For over one million a rebate of 1d. per 1,000 on 10 million tablets over 12 months. Wholesale distributors' prices for smaller quantities would be dearer.

BARBITONE.—Forward prices maintained; cheap spot offers: to arrive, one cwt., 15s. 3½d.; 56 lb., 15s. 8d.; small parcels, up to 16s. 0½d. per lb.

BENZONAPHTHOL.—Dealers are quoting spot parcels at about 3s. 2d. to 3s. 4d. per lb., as to quantity.

BENZOIC ACID (B.P.).—Fair business; market steady: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' prices for these salts are steady. Carbonate, cwt. lots, 6s. 6d.; 8 lb., 7s. 3d.; smaller parcels, 8s. 6d. per lb., carriage paid. Metal values unchanged.

BROMIDES.—Quoted at former figures; inquiry well up to average: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb.; without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE.—Business in small quantities: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Continental material to come forward is quoted as follows: Pure, two cwt., 7s. 1d.; one cwt., 7s. 3½d.; 56 lb., 7s. 5½d.; less than 56 lb., 7s. 7½d. per lb. Citrate, two cwt., 5s. 11d.; one cwt., 5s. 2½d.; 56 lb., 5s. 3½d.; less than 56 lb., 5s. 4½d. per lb., 5-lb. tins free, carriage paid. Other salts quoted proportionately. British is unchanged: 56 lb., 7s. 9d.; less, 8s. per lb. Citrate, 56 lb., 5s.; less, 5s. 3d. per lb.

CALCIUM LACTATE.—A steady inquiry on the market; quotations are keen for good quantities: spot, one cwt., 1s. 0½d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CARBOLIC ACID (B.P. CRYSTALS).—The new scale of prices for deliveries during the twelve months July 1, 1935, to June 30, 1936, is as follows: Twenty tons, 7d.; ten tons, 7½d.; one ton, 7½d.; less than one ton, 7½d. per lb., in drums, carriage paid. Wholesale distributors' prices for small parcels would be dearer.

CHLORAL HYDRATE.—Makers' prices for this market fully steady: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 1d.; one cwt., 3s. 2d.; 28 lb., 3s. 3d.; 14 lb., 3s. 4½d. per lb.; 28-lb. jars one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—Fair inquiry, with British makers quoting at 11½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—British material, 99 to 100 per cent., is quoted at 79s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers' prices for imported are competitive.

CREOSOTE (B.P.).—A little more inquiry reported. Bulk quantities, in 25-kilo. demijohns, 1s. 9½d. to 1s. 10d.; smaller packings, 1s. 10½d. to 2s. 2d. per lb.

**GUAIACOL (CRYSTALS).**—Prices for Continental material to come forward: 28-lb. jars, 10s. 0d.; 14-lb. jars, 10s. 2d.; 1-lb. bottles, 10s. 8d. per lb., ex store. Liquid: 28-lb. demijohns, 9s. 6d.; 14-lb. demijohns, 9s. 9d.; 1-lb. bottles, 10s. 0d. per lb., ex warehouse.

**GUAIACOL CARBONATE.**—Continental prices are unchanged: one cwt., 11s.; smaller parcels, 11s. 3d. per lb.; spot offers at well under these figures.

**HEXAMINE.**—British material in fair demand, particularly powder. B.P. powder, from 1s. 3d. to 1s. 4d.; free-running crystals, from 1s. 7d. to 1s. 8d. per lb., carriage paid, for bulk lots. Dealers quoting free-running crystals, two cwt., 1s. 8d.; one cwt., 1s. 9d.; 14 lb., 1s. 10d.; smaller parcels, up to 2s. per lb., carriage paid.

**HYDROQUINONE.**—Little more inquiry, with prices rather competitive: one cwt., 4s. 6d.; 56 lb., 4s. 8d.; 28 lb., 4s. 10d.; 14 lb., 5s. 1d. per lb., carriage paid.

**IODIDES.**—Makers' quoted prices steady. Potassium Iodide B.P.—1 cwt., 5s.; 28 lb., 5s. 2d.; 14 lb., 5s. 4d.; 7 lb., 5s. 8d.; 4 lb., 6s. 2d.; smaller quantities, 6s. 8d. per lb. Sodium Iodide B.P.—28 lb., 6s.; 14 lb., 6s. 2d.; 7 lb., 6s. 7d.; 4 lb., 7s. 4d.; smaller quantities, 7s. 10d. per lb. Iodine Resub. B.P.—1 cwt., 6s. 1d.; 28 lb., 6s. 3d.; 14 lb., 6s. 5d.; 7 lb., 6s. 10d.; 4 lb., 7s. 4d.; smaller quantities, 8s. 4d. per lb. Iodoform B.P.—28 lb., 8s. 8d.; 14 lb., 8s. 10d.; 7 lb., 9s. 5d.; 4 lb., 10s. 2d.; smaller quantities, 11s. 2d. per lb.; net, cash fourteen days. One cwt. may be assorted at respective minimum prices; 28 lb. may be assorted at respective 28-lb. prices. Jars extra, returnable; 28-lb. tins free, not returnable. Cases free for 1-cwt. lots. Carriage paid on any quantity. Contracts may be booked, with a reduction clause, for 1 cwt., and upwards for delivery over four months. Wholesale distributors' prices for smaller quantities would be dearer.

**LACTIC ACID (B.P.).**—Moderate business; market keen for good business; quantities, in carboys, 1s. 4d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 9d. per lb., as to quantity.

**MERCURIALS.**—Makers' prices for these salts continue unchanged. Chloride, B.P., one cwt., 4s. 9d.; less than one cwt., 4s. 10d. per lb. Metal prices steady at last week's reduction.

**METHYL SALICYLATE.**—Business below average; quoted unchanged: spot, ten cwt., 1s. 5d.; five cwt., 1s. 5d.; one cwt., 1s. 6d.; less than one cwt., 1s. 7d.; small quantities, in bottles, up to 2s. per lb.

**METHYL SULPHONAL.**—Cheap spot prices. Continental quotations maintained: to arrive, one cwt., 10s. 9d.; 56 lb., 20s. 2d.; small parcels, 20s. 8d. per lb.

**PARALDEHYDE.**—Makers' scale of prices is as follows: 1 w-quart, 1s. 9d.; 6 w-quarts, 1s. 7d.; 12 w-quarts, 1s. 5d.; 36 w-quarts, 1s. 4d. per lb., carriage paid on minimum 6 w-quarts. One demijohn, 1s. 2d. per lb., carriage paid.

**PHENACETIN.**—Quoted values continue competitive and at low figures; business quiet. Crystals or powder, bulk quantities, 2s. 7d. to 2s. 9d.; smaller parcels, 2s. 9d. to 3s. per lb., as to quantity.

**PHENAZONE.**—The scale for home trade is as follows: crystals, five cwt., 8s. 9d.; two cwt., 9s. 0d.; less, 9s. 3d. per lb.; powder, 2s. per lb. extra. Export prices to the Empire, quoted f.o.b. Continent: five cwt., 8s. 9d.; two cwt., 8s. 10d.; less than two cwt., 9s. 1d. per lb.

**PHENOLPHTHALEIN.**—A modest inquiry; makers' prices maintained: two cwt., 2s. 9d.; one cwt., 2s. 10d.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels, up to 3s. 6d. per lb.

**PHENYL ETHYL BAREITURIC.**—A steady business in small parcels, which are quoted at about 28s. per lb., in 2-lb. bottles.

**POTASSIUM PERMANGANATE (B.P.).**—Steady demand for small parcels. Dealers' prices maintained. Spot, five cwt., 10d.; one cwt., 10d. per lb., in drums; smaller packings, 10d. to 1s. per lb.

**POTASSIUM SULPHOGUAIACOLATE.**—Business has been unimportant. To arrive, two cwt., 6s. 2d.; less, 6s. 4d. per lb. Cheaper spot offers.

**PYROGALLIC ACID.**—Makers' prices continue unchanged; business quiet. Crystals, one cwt., 6s. 3d.; 56 lb., 6s. 6d.; 28 lb., 6s. 9d. per lb., net; 14 lb., 7s. 6d.; 7 lb., 8s. 3d.; less than 7 lb., 8s. 9d. per lb., less 2s. per cent., 7-lb. tins free, carriage paid. Wholesale distributors' prices for smaller quantities would be dearer.

**QUININE SALTS.**—Convention prices reduced as from June 6, as follows: Sulphate, 2s. 1d.; bisulphate, 2s. 1d.; ethyl carbonate, 2s. 8d.; salicylate, 2s. 9d.; phosphate, 3s. 2d.; hydrochloride, 2s. 7d.; bishydrochloride, 2s. 10d.; hydrobromide, 2s. 7d.; bishydrobromide, 2s. 10d.; valerenate, 3s. 7d.; hypophosphite, 3s. 10d.; alkaloid, 2s. 10d. per lb., carriage paid on bulk quantities; 100 oz. tins free, smaller packing extra.

**RESORCIN.**—British material quoted unchanged: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb.

**SACCHARIN.**—The Convention price for 550 is 37s. 6d. per lb., duty paid, with rebates for quantities.

**SALICYLIC ACID (B.P.).**—Business rather slow; makers' prices maintained: five cwt., 1s. 7d.; one cwt., 1s. 7d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 10d.; 4 lb., 2s. per lb.

**SALOL.**—Market has been dull; values steady: spot, crystals, two cwt., 3s. 6d.; one cwt., 3s. 6d.; 56 lb., 3s. 7d.; smaller parcels, up to 4s. per lb.; powder, 2d. per lb. extra.

**SANTONIN.**—The tone continues fully steady, with fair business reported. Kilo. parcels quoted at £11 7s. 6d. to £11 10s.

**SILVER NITRATE.**—Prices have advanced with the dearer metal: 1 oz., 2s. 5d.; 2 to 24 oz., 2s. 4d.; 25 to 49 oz., 2s. 3d. per oz., ex store. Standard silver, 33s. 6d. per oz.

**SODIUM BENZOATE (B.P.).**—A steady inquiry; keen prices for bulk quantities at about 1s. 6d.; cwt. lots, 1s. 7d.; smaller parcels, 1s. 8d. to 1s. 10d. per lb.

**SODIUM DIETHYLBARBITURATE.**—Business quiet; market steady: spot, one cwt., 15s. 9d.; 28 lb., 16s.; 14 lb., 16s. 3d.; 7 lb., 16s. 6d.; smaller parcels, up to 17s. per lb.

**SODIUM SALICYLATE (B.P.).**—A little more inquiry; quotations unchanged: home trade, crystals or powder, five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; 14 lb., 2s. 2d.; 7 lb., 2s. 3d.; 1 lb., 2s. 6d. per lb.

**SULPHONAL.**—Business on a small scale; cheap spot offers: crystals or powder, one cwt., 15s. 10d.; 56 lb., 16s. 6d.; smaller parcels, up to 17s. 7d. per lb.

**TARTARIC ACID (B.P. CRYSTALS).**—A fair business is reported. British makers quote at 1s. 0d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

**THEOBROMINE.**—Continental material is quoted as follows: pure, two cwt., 7s. 0d.; one cwt., 7s. 2d.; 56 lb., 7s. 4d.; less than 56 lb., 7s. 6d. per lb. Soda salicylate, two cwt., 6s. 1d.; one cwt., 6s. 2d.; 56 lb., 6s. 3d.; less than 56 lb., 6s. 4d. per lb., 5-lb. tins free, carriage paid. Other salts quoted proportionately.

**THYMOL.**—Moderate business is reported: synthetic, fine white, one cwt., 5s. 9d.; 56 lb., 5s. 11d.; 28 lb., 6s. 3d.; 14 lb., 7s. per lb.; ex ajowan seed, one cwt., 8s. 3d.; 56 lb., 8s. 6d.; 28 lb., 9s.; 14 lb., 10s. per lb.

**VANILLIN.**—Business on a fair scale; Convention prices maintained. Ex clove oil or guaiacol, five cwt., 13s. 3d.; one cwt., 13s. 6d.; 56 lb., 13s. 9d.; less, 14s. per lb.

### Crude Drugs, etc.

**AGAR.**—Business for spot, in bond and goods afloat, has been quite active; shipment offers are again fractionally dearer and offers are restricted. Spot, Kobe No. 1, 2s. 6d.; No. 2, 2s. 4d.; Yokohama No. 1, 2s. 4d. per lb.; shipment, Kobe No. 1, 2s. 5d.; No. 2, 2s. 3d.; Yokohama No. 1, 2s. 3d. per lb.

**ALOES.**—At the moment there is one little lot of Cape on the spot, with the price mentioned at a big advance to 55s. per cwt., in boxes. Advice from the source reports nothing available for shipment and none expected prior to August. In Curaçao a very limited spot supply is firmly held for 95s. to 100s. per cwt., and tends to go still dearer; shipment is dearer and offers restricted at 83s. to 84s. per cwt., c.i.f.

**ANGELICA ROOT.**—Some twisted Saxony is available on spot at about 28os. per cwt.

**ANTIMONY.**—Chinese crude for shipment is quoted at £25, c.i.f. English regulus, £76 to £77.

**BALSAMS.**—Business has been limited. *Tolu*, 1s. 4d. to 1s. 5d. *Canada*, close up to 3s. per lb.

**BELLADONNA.**—A modest business in small parcels. Root, 55s. to 57s. 6d. Leaves, about 65s. per cwt. for small parcels.

**BUCHU.**—The usual business of a few bales is reported, with prices quite steady. Ovals continue scarce, with spot from 11d. and upwards. Rounds, fair, 1s. 1d. up to 1s. 3d. for good green. Shipment offers fully support these figures.

**CAMPHOR.**—Spot, slabs, 2s. 1d.; flowers, 2s. 1d.; tablets, 2s. 4d.; shipment, slabs, 1s. 9d.; flowers, 1s. 10d.; tablets, 2s. 1d. per lb., c.i.f. English refined is still unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz. and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

**CANTHARIDES.**—A few small sales reported. Russian, 6s. 4d. to 6s. 6d. Chinese, in the region of 3s. per lb., spot, as to quantity.

**CASCARA SAGRADA.**—Shipment offers of the new crop continue to be inquired for and the figure is now at about 29s. per cwt., c.i.f., for car-load lots. On spot some 1933 peel is available at 40s. per cwt.

**CHAMOMILES.**—A steady spot business continues, with prices holding up well at 17os. for seconds and 18os. to 187s. 6d. per cwt. for good white.

**CLOVES.**—Market has been rather quieter this week. Zanzibar, spot, 6d.; shipment, June-July, 6d., c.i.f. Madagascar, 5d., in bond; shipment, June-July, 5d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended June 1 were nil and the deliveries 97, leaving a stock of 1,975. From January 1 to date the landings of Zanzibar have been 1,438 and the deliveries 1,741. Landings of Madagascar for the week ended June 1 were 307, and the deliveries 122, leaving a stock of 1,975. From January 1 to date landings of Madagascar have been 2,625 and the deliveries 897 packages.

**COCONUT (DESICCATED).**—The better values are steadily maintained; business moderate. Spot, fine, 24s.; medium, 24s.; shipment, halves, June-July, 21s. per cwt., c.i.f.

**COD-LIVER OIL.**—Bergen advises Finmarken oil yield to June 1 at 65,265 hectol., compared with 82,759 hectol. at the same date in 1934, and 76,253 hectol. in 1933. The shipment market is advised as fully steady and dearer and now quoted at 91s. per barrel, c.i.f. London. Spot, in small lots, 135s. per barrel, ex store, duty paid. Newfoundland, non-freezing medicinal oil, 130s. per barrel, ex store. British non-freezing medicinal oil is now quoted at 110s. to 112s. 6d. per barrel, c.i.f. London, duty free, while quotations from another home source are at higher figures.

**COLCHICUM.**—Dealers are quoting spot supplies at about 45s. for root, and 1s. 3d. per lb. for seed.

**DAMIANA LEAVES.**—The demand is rather slow, with good quality leaves on spot at about 11d. to 11½d. per lb.

**DERRIS ROOT.**—This market is active and continues firm. On spot, 1s. 1d. to 1s. 3d., as to ether extract, London test; shipment is very firm at 1s. 1½d. to 1s. 3d. per lb., c.i.f.

**ERGOT.**—Supplies of bulk quantities of Russian are now quoted at the reduced price of 1s. 2½d. per lb. and more for small lots. The limited lots on spot of Spanish are held for 1s. 6d. to 1s. 7d., with shipment at 1s. 5d. per lb., c.i.f.

**GENTIAN.**—There are spot sellers at about 35s. per cwt. for small parcels. Business on modest lines.

**GINGER.**—High values continue steady; business quiet. West African, spot, 35s. 6d.; for arrival, 34s. per cwt., c.i.f.

**GUM ACACIA.**—Market is about unchanged and quiet: spot, Kordofan cleaned sorts, 45s. 6d.; bleached, 87s. 6d. to 90s. per cwt.; shipment, Kordofan cleaned sorts, 42s. per cwt., c.i.f.

**HENBANE.**—Dealers are offering spot stocks at about 82s. 6d. per cwt. in small lots. Limited demand.

**HENNA.**—Indian is quoted at about 32s. 6d. and Egyptian close up to 35s. per cwt., spot, for small parcels.

**HONEY.**—There is no improvement in demand to record. Spot, Jamaican, 24s. to 35s., as to quality. Californian, pale to white set, 45s. 6d. to 48s. per cwt.

**HYDRASTIS.**—Market is steady; small business. Spot, good quality, 6s. 3d.; shipment, 6s. per lb., c.i.f.

**IPÉCACUANHA.**—Occasional bale business on spot, with Matto Grosso steady at 4s. 10½d. to 5s. per lb.

**LIQUORICE ROOT.**—Spot supplies of natural root available at about £12 per ton. Decorticated is fully steady at 45s. to 47s. 6d. per cwt.

**LOBELIA HERB.**—Spot supplies are quoted at about 10½d. to 11d. per lb., with little doing. One or two shipment offers of new crop, of a speculative character, received at 9d. per lb., c.i.f.

**MENTHOL.**—A steady consuming demand on spot is reported; values generally are level on the week. K/S brands, spot, 11s. 7½d. in bond, 10s. 4½d.; shipment, June-July, 10s. 1½d.; October-December, 9s. 9d. per lb., c.i.f. sellers. Japanese shippers quoting prompt at 10s. 4½d. per lb., c.i.f.

**MERCURY.**—The Spanish-Italian group report their shipment price has been advanced to the former figure of 55 dollars per bottle, f.o.b. Continent. Business quieter. Spot, in small lots, £11 5s. to £11 10s. per bottle, ex store.

**OPIUM.**—Average small spot sales. Quoted at 1s. 5d. to 1s. 5½d. per unit, as to quantity, duty paid.

**PEPPER.**—Business remains slow; market irregular. Lampung, 3½d., in bond; shipment, June-July, 3½d.; August-October, 3½d. per lb., c.i.f. Tellicherry; spot, 5d.; shipment, August-October, 45s. 6d. per cwt., c.i.f. Aleppy; spot, 5d.; shipment, August-October, 44s. 6d., c.i.f. White Muntok, spot, 10d.; shipment, all positions, 9d. per lb., c.i.f., nominal.

**PIMENTO.**—Market is holding at the recent better figures. Spot, 2½d. per lb.; shipment, June-July, 24s.; August-October, 24s. 6d. per cwt., c.i.f.

**QUILLIA BARK.**—Some landings of whole bark are quoted at 22s. 6d. to 25s. per cwt., as to quantity.

**RUBBER.**—The market has fluctuated within narrow limits and closes about level on the week; business limited. Spot, 5½d.; June, 5½d.; July, 6d.; July-September, 6½d.; October-December, 6d.; January-March, 6½d. per lb.

**SAFFRON.**—Dealers are doing some small parcel business. Spot, B.P. 180s. prime, 40s.; extra, 38s.; super, 36s. per lb., and slightly less for bulk quantities.

**SARSAPARILLA.**—Market has remained dull: spot, Jamaican grey, 1s. 4d. to 1s. 4½d.; native, mixed colours, 11d. to 1s. per lb., as to quantity.

**SEEDS.**—**ANISE.**—Spot, duty paid, Spanish, 70s.; Bulgarian, 33s. **CARAWAY.**—Quiet and unchanged: Dutch, 34s. 6d., duty paid; 28s. 6d., f.o.b. **CORIANDER.**—Market dearer. Morocco, spot, 13s. 6d. to 13s. 9d., duty paid; 12s. to 12s. 6d., in bond. It is reported that the new crop will be of poor quality. **CUMIN.**—Morocco, 55s., duty paid; 50s. in bond. Very little business passing. **FENUGREEK.**—

Morocco selling at 15s., spot, duty paid. Tunisian, 15s. 6d., spot. **MUSTARD.**—English, 23s. to 34s. per cwt., according to quality.

**SENEGA.**—The spot market is generally quoted at 1s. 3d. per lb.; shipment continues steady at 1s. 3d., c.i.f.

**SENNA.**—Good green Tinnevelly leaves are becoming scarce. On spot limited supplies available at 9d. for best bold selected. No. 1, 6d.; No. 2, 4d.; No. 3, 3d.; with some parcels of faded leaves offering at 4d. to 2d. per lb. less. There has been few arrivals recently of really good Alexandrian hand-picked pods, in consequence a shortage may be experienced during the next few months. No. 2 quality offers fairly freely at 2s. 6d. to 3s. per lb., ex store.

**SHELLAC.**—Business slow; market irregular. Spot, standard TN orange, 47s. to 52s.; fine orange, 95s. to 145s.; pure button, 90s. to 100s. per cwt. For delivery, TN, June, 46s. 6d.; August, 47s. For arrival, TN, June-July, 53s., c.i.f.

**SPQUILL.**—Dealers are offering supplies of fair white at about 25s. to 27s. per cwt. Business quiet.

**STRAMONIUM.**—The spot market is quoted slightly cheaper at 40s. to 42s. 6d. per cwt. for good Hungarian leaves.

**TRAGACANTH.**—A steady inquiry for the textile qualities ranging from 105s. to 125s. per cwt. continues. Spot supplies of druggists' qualities are reported to be very limited, with the finest at £26 to £28 and seconds at £18 to £24 per cwt., ex store.

**VALERIAN ROOT.**—The few lots available on spot are held steadily for 90s. per cwt.

**WAX.**—**BEES.**—Values have advanced on spot and for shipment, with spot supplies scarce. Abyssinian, spot, 100s.; shipment, 97s. 6d., c.i.f. Benguella, spot, 110s.; in bond, 100s.; shipment, 97s. 6d., c.i.f. Conakry, spot, 110s.; shipment, 96s., c.i.f. Dar-es-Salaam, spot, 109s., nominal; nothing offering; shipment, 100s., c.i.f. **CARNAUBA.**—Market steady at level values on the week. Fatty grey, 142s. 6d.; shipment, June-July, 142s. 6d., c.i.f. Chalky grey, 140s.; shipment, May-June, 140s., c.i.f. Primeira, 220s.; shipment, May-June, 190s., c.i.f. Median, 210s.; shipment, June-July, 180s. per cwt., c.i.f.

### Essential Oils, etc.

DURING the week a fair amount of spot business has been transacted and prices are keeping steady. Anise (Star) and cassia are fully steady. Ceylon citronella is flat and weak. Bourbon geranium is firm forward. Sicilian hand-pressed lemon, although quiet, tends dearer forward. Lemongrass has been neglected. Japanese peppermint is quiet and unchanged.

**ALMOND.**—Market steady; average small business. English-made, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d.; foreign, cwt. lots, 2s. 4d.; smaller parcels, up to 2s. 7d. per lb. Bitter, French, 9s. per lb.

**ANISE (STAR).**—Market is fully steady on spot and shipment is again fractionally dearer. Spot, "Red Ship," in leads, 2s. 4½d.; in tins, 2s. 3d.; in drums, 2s. 2½d. Shipment, in leads, 2s. 4½d.; in tins, 2s. 3d.; in drums, 2s. 2½d. per lb., c.i.f.

**BAY.**—Occasional inquiry, with 49 to 50 per cent. quoted at 5s. 2d. to 5s. 6d. per lb., as to quantity.

**BERGAMOT.**—The shipment offer for new crop continues in the region of 4s. 9d. to 4s. 10d. per lb., c.i.f., but business is lacking. On spot holders are asking from 4s. 10½d. up to 5s. 4½d. per lb., as to quantity and quality, with some small business moving.

**BOIS DE ROSE.**—Market is quiet and unchanged. Brazilian, spot, 5s. 7½d. to 5s. 9d.; shipment, 5s. 7d. per lb., c.i.f. Cayenne, 10s. 3d., c.i.f.

**CAJUPUT.**—A little more inquiry on spot. B.P., 2s. 1½d. to 2s. 3d.; green, 1s. 9d. to 1s. 11d. per lb., as to quantity.

**CANANGA.**—A few offers on spot are steadily held for about 12s. 9d. per lb. Shipment offers are restricted and firm at 11s. 6d., c.i.f.

**CARAWAY.**—The forward prices for Dutch rectified are steady at 10s. 2d. to 10s. 6d., landed; with crude, 6d. per lb. less. Some offers on spot are rather cheaper.

**CASSIA.**—Business has been quieter but spot values are holding at 5s. 1d. to 5s. 3d. per lb., as to quantity. Very few shipment offers, nominal at 4s. 9d., c.i.f.

**CEDARWOOD.**—The recent easier prices have steadied the market and inquiry has been fair. African oil, 1s. 1½d., in drums, with American oil meeting the market. Smaller packing, up to 1s. 4d. per lb.

**CINNAMON LEAF.**—The shipment market is again rather easier at about 2s. 5d. per lb., c.i.f., in drums. Spot oil is quoted round about 2s. 7d. to 2s. 8d. per lb.

**CITRONELLA.**—Business is still slow, with Ceylon for shipment offering at very keen prices but failing to attract much business. Ceylon, shipment, about 11½d. per lb., c.i.f., in drums; spot, drums, 1s. 2d. to 1s. 2½d.; smaller packing, up to 1s. 4½d. per lb. Java, shipment, about 1s. 2d., c.i.f., in drums; spot, in drums, about 1s. 4d.; smaller packing, up to 1s. 6½d. per lb.

**CLOVE.**—Market remains quiet and rather unsteady. Madagascar, about 2s. 4½d. per lb., c.i.f., in bulk quantities, in drums. Spot is close up to 3s. for drums and 3s. 2d. for smaller packing.

**EUCALYPTUS.**—Fair inquiry is being received, with prices for Empire oil quite steady. Australian, 70 to 75 per cent., 11½d. to 1s.; 80 to 85 per cent., 1s. 0½d. to 1s. 1d. per lb., landed, in fair quantities. Spanish, 70 to 75 per cent., 1s. 2d. per lb.

**GERANIUM.**—The shipment position for Bourbon is firm at the recent advance and it seems difficult to obtain firm offers of the best quality oil; quoted up to 21s. 3d. per lb., c.i.f. On spot, values run from 21s. to 22s. 6d., as to quality. Algerian, 22s. 4½d. per lb., c.i.f.

**GINGERGRASS.**—It seems that most of the spot oil has been bought up, with the price now nominal at 5s. 3d. per lb., shipment.

**HO (SHU).**—Fair business at the recent better prices on spot. Quoted from 1s. 9½d. to 2s. 1d. per lb., as to quality and quantity.

**JUNIPER BERRY.**—Business has been slow. Good quality oil, 3s. to 3s. 3d. per lb., with the finest at 4s. 9d. per lb. for small parcels.

**LAVENDER.**—Market has been neglected; genuine Mt. Blanc, 38 to 40 per cent., is offered at 26s. to 28s., landed; a good quality at about 21s. 6d. to 23s.; and other offers are down to 17s. 3d. per lb., landed. Lavandin is steady at about 12s. 6d. per lb.

**LEMON.**—Although business in the shipment market is still quiet prices are coming through firmer in the region of 4s. per lb., c.i.f., for a good brand, and there are indications that values may recover a little. The spot market has received more attention, and a fair amount of business is reported, with prices round about 4s. 1d. to 4s. 4½d. per lb., as to quantity. Californian, spot, large drums, 2s. 5d.; in small drums, 2s. 5½d. per lb.

**LEMONGRASS.**—There has been very little interest in the shipment market this week, which is quoted for prompt at about 2s. 8d. and distant positions at 2s. 6d. per lb., c.i.f. Spot, 3s. 2d. to 3s. 3d. per lb.

**LIME.**—It now seems that there is no more hand-pressed oil available on spot, the last case just arrived having been cleared. West Indian distilled on spot is moving fairly well at about 24s., and shipment is held at 22s. 6d. per lb., c.i.f.

**MANDARIN.**—The feature of this market is the shortage on spot and at the source of best quality oil, for which 15s. to 16s. is asked on spot and fully 14s. per lb., c.i.f., for shipment.

**NEROLI.**—Some new crop prices have been received this week, and work out as follows in sterling: 13s. 6d., 14s. 9d., 17s. and 19s. 6d. per oz., landed, duty paid, according to quality.

**NUMEG.**—Occasional small business. English-made oil, 5s. 3d. to 5s. 4½d. per lb., as to quantity.

**ORANGE.**—Still but little interest in shipment business and spot sales seem to be well below average. Sicilian sweet is nominal at 11s., c.i.f., with spot offers at a corresponding figure. French Guinea oil is offered for shipment at 2s. 7d. to 2s. 8d., c.i.f., in bulk quantity; spot, in drums, 3s. to 3s. 1d.; smaller packings, up to 3s. 4½d. per lb. Californian, spot, one case, 2s. 6½d.; two or more cases, 2s. 4d.; drums, 2s. 3d. per lb.

**PALMAROSA.**—A little more inquiry. Spot, 6s. 7½d. for small lots; shipment, 6s. 4d. per lb., c.i.f.

**PATCHOULLI.**—Not much demand, with spot holders asking about 10s. 6d. per lb.; practically no shipment offers, nominal at 11s. per lb., c.i.f.

**PEPPERMINT.**—Business has been limited; values about level on the week. Spot, about 3s. 10d.; afloat, 3s. 9d.; shipment, June-July, 3s. 8d.; October-December, 3s. 3d. per lb., c.i.f., sellers. Japanese shippers quoting prompt at 3s. 9d. and October-December at 3s. 4d. per lb., c.i.f. One or two inquiries for the American natural oil, with shipment prices ranging from 2.50 to 2.85 cents per lb., c.i.f., in drums.

**PETITGRAIN.**—Rather more business on spot, with prices now at about 4s. 3d. to 4s. 4d. per lb.; shipment is quoted at 3s. 7½d. per lb., c.i.f.

**ROSEMARY.**—Business has been negligible. Spanish, first quality, 2s. 1d. to 2s. 2d.; second quality, 1s. 8d. to 1s. 10d. per lb., as to quantity. French, 3s. 6d. per lb.

**SANDALWOOD.**—Genuine East Indian Mysore, 19s. per lb., in one-case lots, on spot; isolated cheaper offers noted. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, cwt. lots, 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb. Australian, case lots, 15s. 6d. per lb.

**SASSAFRAS.**—A moderate spot business is reported. Natural oil is at about 4s. per lb., with artificial at cheaper prices.

**SPERMINT.**—The market is again steadier, with a moderate spot business. Spot, 8s. 3d. to 8s. 7½d., as to quantity; shipment, 7s. 7½d. to 7s. 9d. per lb., c.i.f.

**SPIKE.**—Very little business moving; values steady. Spanish, spot, about 5s. 6d. per lb.

**VETIVERT.**—The spot and forward markets are nominal owing to lack of offerings at the moment.

**WORMSEED.**—Not much business moving. Spot, about 9s.; shipment, about 8s. 3d. per lb., c.i.f.

### Fixed Oils, etc.

BUSINESS in some of these products has been fairly good and the general tone continues steady. Palm oils have been active at good figures. Linseed oil is firm. American Turpentine shows a further sharp decline. Acid oils.—Fair business, with prices holding steady: coconut and/or palm kernel, nominal, none offering; groundnut, 20s.; soya, 17s., spot. CASTOR.—The market is steady, with a fair business passing: pharmaceutical, 43s.; first pressings, 38s.; second pressings, 35s. 3d. (barrels); cases, £4 per ton extra, ex mills, Hull, in not less than one-ton lots; Bombay, 30s. (drums), c.i.f. COCONUT.—Business has been rather quieter this week: deodorised, 31s. (barrels), spot; Ceylon mill, 19s. 10½d. (drums), c.i.f. COTTON.—Market is steady; business is moderate: deodorised, 33s.; common edible, 31s.; soapmaking, 30s.; crude, 27s. (barrels), spot. GROUNDNUT.—Business on the quiet side; values about steady: deodorised, 41s. 6d. (barrels), spot; crude Oriental, 32s. (drums), c.i.f. LINSEED (RAW, NAKED).—Market is firm; business fair: spot, 24s. for small quantities; June, 21s. 6d.; July-August, 21s. 7½d.; September-December, 21s. 9d.; January-April, 22s. 1½d. per cwt. Boiled oil, spot, 25s. 6d. OLIVE.—Rather more business, with prices keeping steady: edible, in tins in cases, 70s. per case of ten gallons; B.P., 5s. 3d. per gallon, in 40-gallon barrels. PALM.—Business has been quite good, with supplies limited on spot. Market is fully steady: Lagos, 19s. 7½d., shipment; softs, 19s. 6d., shipment; mediums, 19s. 4½d., shipment; hards, 20s. 3d., shipment; bleached, 23s. 6d., spot. PALM KERNEL.—Business is quieter; market steady: deodorised, 31s.; crude, 24s., spot. RAPE.—Not much business but values are keeping steady. Refined, 36s. 6d.; crude, 35s. (barrels). RESIN.—Market has been dull and is rather easier: B, 10s. 3d.; D, 11s. 1½d.; F/G, 12s. 6d.; N, 13s. 9d.; W/G, 14s. 7½d.; W/W, 16s. 3d. per cwt., ex wharf. SOYA.—Market has been dull: deodorised, 33s. 6d.; crude, 30s. 6d., spot (barrels). TURPENTINE, AMERICAN.—Market shows a further sharp decline and is now fairly steady. Total London stocks, 6,531 barrels. On spot, 44s. 6d. WOOD.—Business on a good scale and spot values for Hankow in barrels are firm and again dearer at 85s. per cwt., with July at 82s. 6d. and August at 78s. per cwt.

### World's Vanilla Crops

Messrs. H. Mayer Senior, Ltd., London, have forwarded to us the following figures of the world's vanilla crops for the 1933-34 and 1934-35 seasons:

	1933-34	Tons	1934-35	Tons
Madagascar	...	360	Madagascar	...
Comoro	...	105	Comoro	...
Nossi-Be	...	21	Nossi-Be	...
Reunion	...	22	Reunion	...
Mexico	...	80	Mexico	...
Tahiti	...	45	Tahiti	...
Seychelles	...	3	Seychelles	...
Guadeloupe and Martinique	5		Guadeloupe and Martinique	7
Java, Ceylon, etc.	...	20	Java, Ceylon, etc.	...
		660		535

	Estimate 1935-36	Tons
Madagascar	...	300
Comoro	...	100
Nossi-Be	...	15
Reunion	...	20
Mexico	...	85
Tahiti	...	45
Various	...	30
		595

The crops for these three years show a shrinkage of 3,400 tons per annum from those of the preceding seasons, and once old accumulations of stocks had been reduced to manageable quantities, the market took a decided upward turn early in 1934, with steadily increasing values throughout that year. The Colonial Governmental restriction on the export both of very short and defective beans, which was in force during the 1933-34 season, no longer operates, and as values have in consequence of the smaller yields reached a level which enables growers once more to pay their way, the restriction, at any rate as far as short beans are concerned, has lost its *raison d'être*. Easier conditions have prevailed since the beginning of 1935, but provided international trading conditions are not subjected to further shocks, the statistical position of the article justifies an outlook for an improving tendency.

# Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

## Organising Employee Pharmacists

SIR.—Our attention has been called to your article in the *C. & D.* of June 1, . . . and we respectfully call the attention of all who read your valuable trade journal to the undermentioned facts. The biggest and most successful organisation of pharmaceutical employees was one created in 1918—the National Association of Chemists' Assistants—it attained a membership of several thousands—led by employees of Boots, Parkes, Taylors and Squires. During its separate existence it achieved many improvements in wages and conditions for chemists' assistants. In 1920 the N.A.C.A. amalgamated with our Union—thereby linking itself up with those workers who produce pharmacy products sold by retail managers and assistants. Within our ranks the original N.A.C.A. still exists as the largest existing body of organised retail assistants—even though their ranks have diminished somewhat. The original forces achieved actual service agreements—many of them still existing—their efforts were by no means futile. It is true chemists' assistants have not yet achieved all they could and should have done—that is entirely through their lack of appreciation of the need and value of economic unity. This new move, it is clear, is not an innovation in the matter of association with some existing trade union. For close on fifteen years we have sought to attract chemists' assistants (qualified and unqualified) towards unity, at immense costs in time and money. We know more intimately the weakness and strength and foibles of pharmacy assistants than any other organisation. We have no objection to anyone attempting to unite chemists' assistants because we have definite reasons for believing that when pharmacy employees really turn to organisation they will come to us—the only trade union actually associated with the drug trade for over twenty years.—Yours faithfully,

ARTHUR J. GILLIAN,

General Secretary, Chemical Workers' Union.  
London, S.E.1.

SIR.—Whilst everyone would be in favour of a decent standard of wages and hours for employees, and for employers too for that matter, it is difficult to see how employee pharmacists can be organised efficiently on trade-union lines. Although it is stated that the objects are to be obtained by negotiation, when it comes down to ultimate facts the only effective weapon possessed by a trade union in the last resort is a strike or the threat of a strike, and it does not appear that this would be practicable in pharmacy where the members are employed in individual units scattered over the country. The question of hours is another one in which retail pharmacy differs from other callings; so far from a forty-eight-hour week the shop hours are nearer seventy, and whatever might be the case with chain pharmacies or drug departments in stores, there are very few private businesses which could afford to have sufficient assistants to cover the hours and yet allow each one to work only forty-eight. Although in setting out the objects of the Union the term employee pharmacist is used, I take it that all employees in retail pharmacy would be eligible for membership, otherwise it can only mean further exploitation of the unqualified at the expense of the qualified. One object is to secure overtime payment for all hours in excess of the agreed working week; one of the chief difficulties of retail pharmacy is that the closing hour can never be rigidly adhered to; it is regretted by employers as much as by employees. If the Union can provide practical solutions to these problems it will not only benefit the employee, but will earn the gratitude of the employer as well.—Yours faithfully,

ONCE BOTH (4/6).

## A Price Problem

SIR.—Referring to the letter on "A Price Problem" (*C. & D.*, June 1, p. 666), we agree that a standard of quality and price of halibut-liver oil is urgently required. It is unfortunate that the B.P.C., although it gives the natural variations of the oil, does not indicate an oil of standardised blue value (vitamin A). Since the publication of this authority a good deal of experimental work has been done on the oil, but

the variations have been found to be still wider than was at first believed. We hope that a monograph setting a standard will find its way into any addendum to the new British Pharmacopoeia. Our own experience in manufacturing, in this country, a large number of batches of oil from halibut liver, shows that there is an extraordinary variation in the blue value (vitamin A) in different batches; this ranges from 7,100 blue units in one batch to 205 in another, with thirty-one different strengths in between. A fair average specimen of halibut-liver oil has a blue value of about 1,000-1,500, and since clinical experience has been mainly with oils of this type we think this strength should be dispensed in the absence of indications to the contrary. Some attempt has been made to fix prices, at any rate for the bulk oil; suggested list prices are on a basis of 500 blue units 2s. 6d. per oz., 1,000 blue units 4s. 6d. per oz. It is unfortunate that much of the oil offered for sale to-day bears no indication of its value in vitamin A; and until there is some unanimity on the part of manufacturers and wholesalers in this respect the present uncertainty will continue.—Yours faithfully,

FOR ALLEN & HANBURYS, LTD.,

ERNEST C. CRIPPS, Sales Manager.

London, E.2.

## No Delay at Headquarters

SIR.—On p. 646 of your issue of June 1 there is a report of proceedings before the St. Helens Bench with regard to "Iodine Tinctures." This report states that a warranty defence was not adopted [in one case] owing to delay caused by communication with the National Pharmaceutical Union. We are requested by the National Pharmaceutical Union, for whom we act, to point out, in case an erroneous impression has been given, that no delay was caused by them.

Yours faithfully,

LAMARTINE YATES & MORGAN.

London, W.C.2.

## The Coloration of Eserine Solutions

SIR.—This subject was investigated as long ago as 1887, when Mr. J. E. Saul suggested the addition of a little sulphurous acid to prevent the coloration. . . . Still later, in 1905, owing, it is said, to the causation of conjunctivitis by the use of discoloured solutions, a solution of the salicylate or of the pure alkaloid in castor oil was introduced, which had the double advantage of causing less pain than the aqueous solution and of keeping indefinitely without development of rubeserine (Squire's "Companion," 1908). Personally, I have never met with a prescription for oleum eserinæ or "Eserinol," and modern text-books seem to ignore it altogether. They appear to be agreed that not only do the coloured solutions cause no harm but that they lose little or nothing of their miotic property. . . .—Yours, etc.,

C. S. ASHTON.

Brighton.

## No Room for Pharmacy?

SIR.—The thought expressed in your correspondence columns by "Observanda" (*C. & D.*, June 1, p. 666) has often occurred to me. In a large city which I have in mind similar but less regal functions take place from time to time and long lists of the names of persons attending appear in the local Press; but one looks in vain for those of representatives of pharmacy. On the City Council, indeed, there is one pharmacist; but there are many others of note residing in the city who should appear at such gatherings. When subscriptions are invited, pharmacists respond to all civic and State appeals. Many years ago a lord mayor of a provincial city who was a pharmacist invited his brother pharmacists and their wives to one of his receptions at the Council House; and on this occasion the secretary of the local chemists' association failed to receive a ticket of admission until the time had gone by for acceptance. He is still alive, and tells the tale with some amusement.—I am, etc.,

HARRY SWIFT (5/6).

## Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

**B. L. (21/5).**—**COD-LIVER OIL EMULSION.**—There are several recipes for cod-liver oil emulsion made with Irish moss in "Pharmaceutical Formulas," Vol. I., from which we have selected the following:—

Irish moss	...	...	...	...	...	3vj.
Water	...	...	...	...	...	3LXXX.

Boil down to 2 pints and strain; then add:

Cod-liver oil	...	...	...	...	...	3xl.
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Mix thoroughly, so as to form an emulsion. Next add:

Oil of gaultheria	...	...	...	...	...	3x.
Oil of cinnamon	...	...	...	...	...	3x.
Oil of bitter almond	...	...	...	...	...	3xij.
Rectified spirit	...	...	...	...	...	3j.

And finally:

Calcium hypophosphite	...	...	...	...	...	3iv.
Sodium hypophosphite	...	...	...	...	...	3iv.
Sodium chloride	...	...	...	...	...	3j.
Boiling water	...	...	...	...	...	3iv.
Glycerin	...	...	...	...	...	3vij.

**D. & B. (8/35).**—**INCENSE PASTILLE.**—The bulk of the pastille consists of myrrh in combination with various aromatic substances which are difficult to determine. On examination charcoal and potassium nitrate were found to be absent. The following formula would yield a somewhat similar incense pastille:—

Benzoin, in powder	...	...	...	...	...	30.0
Cascara fine powdered	...	...	...	...	...	30.0
Myrrh, in powder	...	...	...	...	...	300.0
Oil of nutmeg	...	...	...	...	...	7.5
Oil of clove	...	...	...	...	...	7.5

**S. L. E. (21/5).**—**FLY SPRAYS.**—The following are formulas for pyrethrum-kerosene fly sprays:—

I

Insect powder	...	...	...	...	...	8 oz.
Kerosene	...	...	...	...	...	1 gall.

Macerate for forty-eight hours, strain and add:

Methyl salicylate,						
Eucalyptus oil, or safrol	...	...	...	...	...	1 oz.

II

Insect powder	...	...	...	...	...	400 parts
Camphor	...	...	...	...	...	50 parts
Cedarwood oil	...	...	...	...	...	150 parts
Citronella oil	...	...	...	...	...	25 parts
Lavender oil	...	...	...	...	...	25 parts
Spirit	...	...	...	...	...	2,000 parts

Extract the insect powder with the spirit; strain and add the other ingredients.

**H. S. (21/5).**—**BAIT FOR EARWIGS.**—The following is a recipe for a poison bait for earwigs:—

Sodium fluoride	...	...	...	...	...	1 oz.
Molasses	...	...	...	...	...	5 oz.
Glycerin	...	...	...	...	...	5 oz.
Water	...	...	...	...	...	5 oz.
Ground oat hulls	...	...	...	...	about	1 lb.

Dissolve the sodium fluoride and then the molasses in the water. Add the bran (or oat hulls) last. The bait should be scattered over the ground and small quantities placed in the crotches of trees or at intervals along fences and walls.

**W. H. P. (16/65).**—**CLEANING GREASY DISHES.**—In large catering establishments tribasic sodium phosphate is used in a concentration of 1 lb. in 10 to 20 gallons of water for cleansing greasy dishes.

**D. L. (24/5).**—**SMOKE.**—If you can arrange some form of heating apparatus either ammonium chloride or a preparation made on the following lines should be suitable:—

Pitch	...	...	...	...	...	4 parts
Borax	...	...	...	...	...	1 part
Potassium nitrate	...	...	...	...	...	2 parts

The former gives a white smoke, the latter a black one. It would be advisable to carry some kind of flue brush, particularly for the ammonium chloride, as it tends to condense and block up the outlet.

**P. S. M. (20/5).**—**DESTROYING NETTLES.**—It is difficult to effect uniform distribution of sodium chlorate in a dry state, and the use of a solution is preferable on the grounds of economy and efficiency. The dry method depends for success upon a shower of rain. The amount required for the common nettle is at least 150 lb. per acre.

**D. W. (25/5).**—**CHEMICAL GARDENS.**—The following are among the various methods of making chemical gardens:—  
(I) Put some sand into a fish-globe or other suitable glass vessel to the depth of two or three inches; in this place a few pieces of sulphate of copper, aluminium and iron; pour over the whole a solution of sodium silicate (waterglass) 1 part, and water 3 parts, care being taken not to disarrange the chemicals. Let this stand a week or so, when a dense growth of the silicates of the various bases used will be seen in various colours. Now displace the solution of the sodium silicate with clear water, by conveying a stream of water through a very small rubber tube into the vessel. Care must be taken not to disarrange or break down the growth with the stream of water. A little experimenting, experience and expertness will enable the operator to produce a very pretty garden. (II) This is a permanent chemical garden, which may be suspended by brass chains with a lamp behind. Prepare a small beaker or jar full of cold saturated solution of Glauber's salt, and into the solution suspend by means of threads a kidney bean and a non-porous body, such as a marble, stone, glass, etc. Cover the jar, and in a short time there will be seen radiating from the bean small crystals of sulphate of sodium which will increase and give the bean the aspect of a sea urchin, while the non-porous body remains untouched. The bean appears to have a special partiality for the crystals, which is due to the absorption of water by the bean, but not of the salt. In this way a supersaturated solution is formed in the immediate neighbourhood of the bean, and the crystals, in forming, attach themselves to its surface. (III) A popular form of ornamental crystallisation is that obtained by immersing a zinc rod in a solution of a lead salt, thus obtaining the "lead tree." To prepare this dissolve lead acetate in water, add a few drops of nitric acid, and then suspend the zinc rod in the solution. The lead is precipitated in large and beautiful plates until the solution is exhausted or the zinc dissolved. In this case the action is electro-chemical, the first portions of the lead precipitated forming with the zinc a voltaic arrangement of sufficient power to decompose the salt. By substituting chloride of tin for the lead salt a "tin tree" may be produced, while nitrate of silver under the same conditions would produce a "silver tree." In the latter case distilled water should be used to prevent precipitation of the silver by possible impurities contained in ordinary water.

## Retrospect of Fifty Years Ago

Reprinted from  
"The Chemist and Druggist," June 15, 1885

### The New Council of the Pharmaceutical Society

All the members of the new Council [of the Pharmaceutical Society] assembled on June 3 . . . Ballots being taken, Mr. Carteighe was re-elected president; Mr. S. R. Atkins vice-president. Mr. Robbins was re-elected treasurer, and Mr. J. B. Stephenson honorary treasurer to the Society in Scotland. . . . The appointment of local secretaries was deferred till next month, Mr. Williams suggesting the possibility of adopting a better method for this election, so as to create more interest. . . . In proposing the reappointment of the committee in regard to the Society's business in Scotland, the president said it would be the desire of the committee to do that which was legal, just, and proper, and where it could see its way to justify any particular sentiment, if it did not interfere with principle he was sure the committee would be glad to do so.

**Now Reduced**

# Burgoynes Universal Fruit Saline

**P.A.T.A. 1/- 8/- dozen**  
**1/9 14/- "**

**BONUS** of 1 dozen miniatures with orders for 3 dozen (assorted sizes), 12 dozen with orders for 1 gross

This generous supply of samples enables the public to test the product——once tried, it is always preferred

All orders for £2 carriage paid in U.K.

(N.B.—The above prices are applicable to Great Britain and Northern Ireland only)

**BURGOYNE**  
BURBIDGES & CO. LTD  
LONDON E  
Manufacturers of Pharmaceuticals since 1741



# Hubbuck's Pure Oxide of Zinc

is made by sublimation and is warranted to contain upwards of

**99.9 PER CENT.**

of pure oxide; in fact, the impurities are not traceable

**Thos. Hubbuck & Son, Ltd.**

ESTABLISHED 1765

24 Lime Street, London, E.C.3

MANUFACTURERS OF WHITE LEAD, WHITE ZINC, PAINT, OILS, COLOURS, VARNISHES, &c.

Australian Office: 34 Queen Street, Melbourne

Sold by the following Wholesale Druggists in Boxes of 7 lb. and 14 lb. stamped by the Manufacturers; also in 1-lb. Boxes and 1-lb. Glass Bottles:

Allen & Hanburys, Ltd.  
Ayrton, Saunders & Co., Ltd.  
Bell, Jno., & Croydon  
Bell, John, Hills & Lucas, Ltd.  
Bleasdale, Ltd.  
Boots Pure Drug Co., Ltd.  
British Drug Houses, Ltd.  
Brook, Parker & Co., Ltd.  
Burgoyne, Burbridge & Co.,  
Butler & Crispe, Ltd.  
Carter, G. & Sons, Ltd.  
Dakin Brothers  
Duncan, Flockhart & Co.  
Evans, Gadd & Co., Ltd.  
Evans Sons Lescher & Webb,  
Ltd.  
Ferris & Co.  
Gale & Co.  
Glasgow New Apothecaries  
Co.  
Goodall, Backhouse & Co.  
C. R. Harker, Stagg &  
Morgan, Ltd.  
Hartness, Beaumont & Co.,  
Ltd.  
Herrick, W. R., & Co.  
Hirst, Brooke & Hirst

Hodgkinson, Prestons & King  
Horner, L. A., & Sons  
Huskisson, H. O., & Co.  
Lofthouse & Saltmer, Ltd.  
Mackay, Jno., & Co., Ltd.  
May, Roberts & Co., Ltd.  
Oldfield, Pattinson & Co.  
Pinkerton, Gibson & Co., Ltd.  
Potter & Clarke, Ltd.  
Raines & Co.  
L. & J. Clark & Co., Ltd.  
Rankin & Hornand  
Silversides, R. B. G.  
Smith, T. & H., Ltd.  
Southall Bros. & Barclay,  
Ltd.  
Sumner, R., & Co.  
Taylor, Jas. (Trongate), Ltd.  
Thompson, John, Ltd.  
Wilkinson & Simpson, Ltd.  
Willows, Francis, Butler &  
Thompson, Ltd.  
Woolley, Jas., Sons & Co.,  
Ltd.  
Wright, Layman & Umney,  
Ltd.  
Wyleys (Lim.)

Barry, E. J., New York  
Finlay, Dicks & Co., New  
Orleans  
E. F. Serra & Co.,  
90-92, Beekman Street,  
New York  
Chas. L. Huisking & Co., Inc.,  
155, Varick St., New York  
Lehn & Fink, Inc., N. York  
McKeever & Robbins, Inc.,  
New York

Muth Brothers & Co., Baltimore  
Papernick Ltd., Montreal  
S. B. Penick & Co., Inc.,  
New York  
Roller & Shoemaker, Philadelphia  
Schieffelin & Co., Inc., New  
York  
Shoemaker & Busch, Philadelphia

**PHOSPHATE OF SODA, Pure**  
For Food Purposes  
**ASK FOR SAMPLE AND PRICES**

**PERRY & HOPE, LTD.**

Forth and Clyde Chemical Works, NITSHILL  
Telephone: Giffnock 414 (2 lines). Telegrams: "Perryope Nitshill."

**COMPRESSED  
TABLETS**

COATED or UNCOATED  
Standard or Private  
Formulas

Wholesale Buyers write  
**T.H. WALTON & Co. Ltd.**  
BATLEY

## TO PHARMACISTS OF THE NORTH WE OFFER

PROMPT SERVICE: KEEN PRICES: SOUND QUALITY, AND FREQUENT MOTOR VAN DELIVERIES IN THE TYNE, WEAR AND TEES AREAS.

For fuller particulars consult page 57  
THE CHEMIST & DRUGGIST DIARY, 1935.

**BRADY & MARTIN, Ltd.** Northumberland Rd., NEWCASTLE-ON-TYNE

## DRUG HOUSES OF AUSTRALIA EXPORT LIMITED AUSTRALIA HOUSE, STRAND, W.C.2

Sole Agents for the well-known Products of

**J. BOSISTO & CO. PTY. LTD., Victoria, Australia:**

EUCALYPTOL

EUCALYPTUS OIL

EUCALYPTUS RED GUM

**ENQUIRIES INVITED**

# Methylated Spirits

Prompt delivery  
from local branches  
thus obviating delay

THE METHYLATING COMPANY LTD.

Regd. Office : Kinnaird House, Pall Mall East, London, S.W.1

WIRES: "METHCOLIM, PHONE, LONDON"

PHONE: WHITEHALL 6964

Branches at London,  
Birmingham, Liverpool,  
Manchester, Bristol,  
Glasgow, Leith, Hull



ALL CONTAINERS BEAR

THIS TRADE MARK

Please ask for our Price List  
and Pamphlet on Methylated  
Spirits Regulations

THIS  
HOUSEHOLD REMEDY  
HAS A BIG SALE

Cephos  
Pronounced See fass REGD.  
THE PHYSICIAN'S REMEDY

Retails at  
1/3 and 3/-  
in powders  
or tablets  
Single  
Powders  
2d. each

For  
COLDS & CHILLS  
HEADACHE  
RHEUMATISM  
NEURALGIA  
LUMBAGO  
SCIATICA

from your  
usual  
wholesaler  
or write  
direct

SHOWCARDS & DISPLAY MATTER

Sent upon application to Cephos Ltd., Blackburn,  
whether you obtain supplies from us or elsewhere.

Cephos Ltd. Blackburn

Paraffinum  
Liquidum  
B.P.



ALSO  
TECHNICAL  
QUALITIES

WHOLESALE ONLY  
Sterns Ltd.  
16, Finsbury Sq, London, E.C.2

Telephone: National 7644 (7 lines).  
Telegrams: Centumvir, Phone, London.



Every customer who enters your shop is a prospective buyer of DAISY, for DAISY is a specific for many of the common recurring ailments. Of all nationally advertised medicines DAISY is the most profitable to you. Always keep DAISY displayed.

7½d. Size (4 Powders) ...	... 5/- doz.
10½d. Size (6 Powders) ...	... 7½d. doz.
9/6 Size (72 Powders) ...	... 6/10 each
Display Showcards (30 Powders) ...	3/- each.

★ do. do. do. 3 cards at 2/9 each.

★ The cheapest way to buy DAISY—shows no less than 82% profit on outlay (45% on turnover).

J. E. ELLIS LTD., HORSFORTH, LEEDS



## THE LAST WORD IN EFFICIENCY AND CONVENIENCE

Small easily swallowed Tablets of truly remarkable efficiency, packed in neat aluminium tubes no larger than a fountain pen cap. Just right for handbag or pocket. Each tube contains 12 Tablets.

Retail 6d. each.

Packed on all metal display racks containing 1 dozen tubes.

From all Wholesalers at 4/- each.

Also packed in 3d. size (6 Tablets) at 2/- per dozen carton and 1/3 family size (36 Tablets) at 10/- dozen.

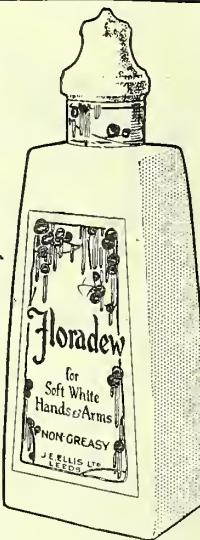
J. E. ELLIS LTD.  
HORSFORTH, LEEDS



### For Everyone—

The elegance of soft, white hands and arms

It is so simple—just an easy finish to the toilette—a few drops of Floradew shaken from the flask and rubbed gently into the hands and arms. Cooling, delicately perfumed, non-greasy, delightful to use. And what a result it brings! The most fascinating of feminine charms, hands worthy of kissing, delicate, soft, white arms to grace evening dress and sleeveless frocks. Floradew is a scientific preparation; absolutely non-greasy, it never soils dainty frocks or bedclothes.



**Floradew**  
(Non-Greasy) 1' Sprinkler  
Flask  
FOR SOFT WHITE HANDS AND ARMS.

Wholesale, 8/- per doz.

J. E. ELLIS LTD., HORSFORTH, LEEDS

### An entirely new Hair Dressing



Commodore Perfection Hair Cream is a scientific hair dressing. It fulfils a long-felt want in providing a hair cosmetic which is not only effective, but which is absolutely non-injurious to the hair structures.

Commodore Hair Cream is made from a very carefully selected blend of pure oils homogeneously mixed with fine Eau-de-Cologne and Rose Water. The process of mixing these ingredients into a perfect emulsion is an exclusive Commodore property.

Commodore Hair Cream contains no gum, mucilage, starch, wax or any ingredient whose continued use might be deleterious to the hair.

**Commodore**  
PERFECTION  
**HAIR CREAM**

1/- size 7/- per doz.	1/6 size 9/6 per doz.	2/6 size 15/6 per doz.
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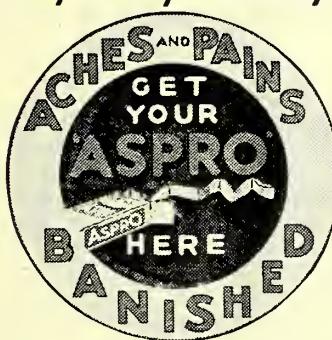
J. E. ELLIS LTD., HORSFORTH, LEEDS

# THIS DISPLAY SELLS 'ASPRO'



## & BRINGS CUSTOMERS INTO YOUR SHOP

The window display illustrated above definitely sells 'ASPRO'. It connects up with the largest advertising campaign of its kind in the world. When you display it, you get the benefit of 'ASPRO' advertising just as though you paid for the advertisements yourself—the non-displayer loses customers and loses profit. The present change of the weather conditions is causing a great demand for 'ASPRO'. We suggest, therefore, that if you have an 'ASPRO' display you show it. If you have not one—then write us to-day, and we will send the above set by return of post. Do not forget, either, the 'ASPRO' service of Chemists' envelopes and bags. They are good business pullers—they save you money. Let us assure you here that our sales activities are being vigorously pushed. House-to-house broadsheeting is in operation, backed by heavy national advertising. We advertise 'ASPRO' continuously. If you keep on displaying 'ASPRO' advertising material, 'ASPRO' customers will keep on coming to you.



AN 'ASPRO'  
WINDOW STICKER

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents: GOLLIN & CO. Pty. Ltd.

('ASPRO' DEPT.)

SLOUGH, BUCKS.

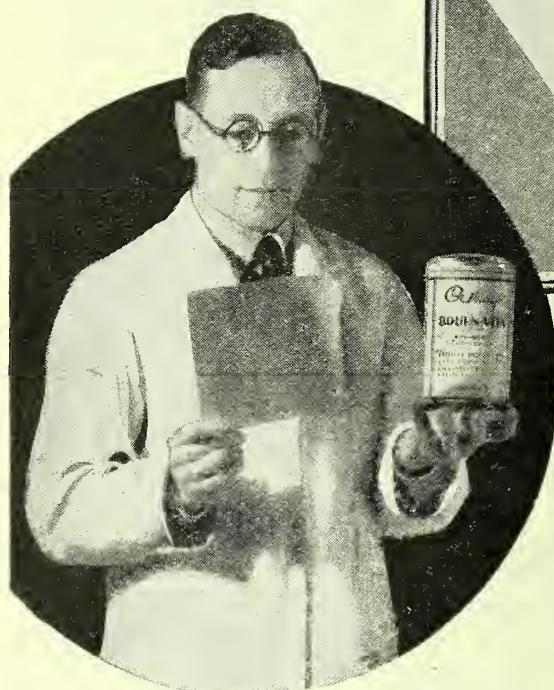
Phone: Slough 608

Made by ASPRO LTD., SLOUGH, England

No proprietary right is claimed in the method of manufacture or the formula.

**'ASPRO'**  
REG TRADE MARK

**THE MEDICAL  
PROFESSION  
RECOMMEND  
IT . . . .**



Dear Sirs  
I have been taking this beverage  
since it was first put on the market  
and have certainly derived considerable  
benefit from it. In my case it has  
indeed a more refreshing sleep than I  
have been used to for a good many years  
I shall be very pleased indeed to  
recommend the beverage to my patients  
with a great deal of confidence.  
Again thanking you,  
Yours faithfully,

*You*

CAN RECOMMEND  
IT TO YOUR CUSTOMERS  
WITH ABSOLUTE CONFIDENCE

Bourn-vita is the result of years of careful research work in the Cadbury Laboratories. It is a scientifically balanced food drink with a high diastatic content, and so is a great aid to digestion.

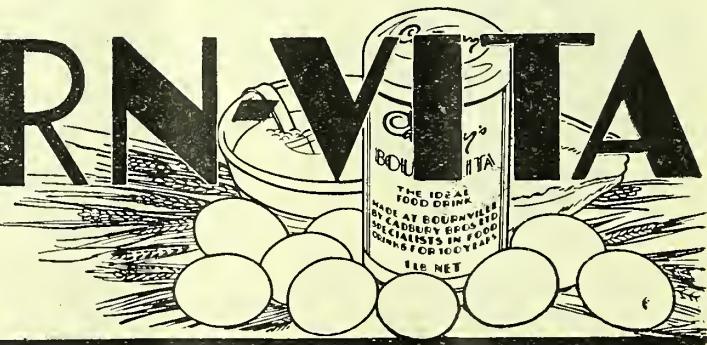
Bourn-vita has been steadily increasing in popularity ever since it was placed on the market a few years ago, and has been regularly recommended by the Medical Profession, particularly as an aid to sound sleep.

Here is a product that you can recommend to your customers with perfect confidence.

*Cadbury's*

**BOURN-VITA**

FOR DIGESTION  
SLEEP & ENERGY



# INCREASED PROFITS ON *Beechams* PILLS

BRAND

*The Greatest news the  
Trade has had for years*

Commencing June 7th, 1935, Beechams Pills will be supplied UNSTAMPED for sale by qualified Chemists and Druggists. The consequent saving is being partly spent on INCREASED ADVERTISING and partly passed on to the trade in the form of a BIGGER MARGIN of PROFIT. All future supplies, therefore, will be obtainable at the following

#### REDUCED TRADE PRICES

SIZE	Old Terms (Stamped)	NEW TERMS (Unstamped)
1/3	11/9 per doz.	11/3 PER DOZ.
3/-	28/- " "	27/- " "
5/-	54/- " "	52/- " "

In addition to this increased margin there is the usual 2½% and 5% for £2 parcels on window display terms.

Everybody will admit that this is the greatest news the trade has had for years for it means that the Chemists' best and most consistent seller becomes an even more profitable line. It means that Beechams Pills, can, in future, show you an average profit of no less than 55 per cent. on

cost! And since the sales are assured, since it is a line standing high in public esteem, and one which sells daily, week in and week out, year after year, this news means EXTRA PROFIT IN YOUR POCKET EVERY DAY—DAY AFTER DAY—year after year!!

REPLENISH YOUR STOCKS INSTANTLY

# BEECHAMS PILLS LTD.

ST. HELENS

LANCASHIRE



## IMPROVED TANNIC ACID OUTFIT FOR BURNS

The Tannic Acid treatment of burns by means of a spray has been recommended for several years, but the importance of using a freshly-made solution of Tannic Acid has prevented its universal adoption. The introduction of compressed tablets has now made it possible to produce the required solution in a few minutes, as recommended in the "British Medical Journal" of March 18th, 1933. The outfit consists of an amber bottle, with vulcanite spray, together with a supply of tablets, as illustrated.

Price 4/6

C. J. HEWLETT & SON, LTD., 35/42 Charlotte Street, LONDON, E.C.2



the original Glucose Barley Sugar base products with or without medicated content.

### ● Beware of imitations

Stock and display Simpkins products and be sure of successful, continuous sales, increasing addition to your income. No dead stocks. We are already supplying 80% of the qualified chemists exclusively — the

increasing demand for Simpkins quality products is almost entirely due to increasing sales in the individual shops. Book your orders now. Simpkins products are made by chemists for chemists.

Pharmaceutical Superintendent:—WILLIAM J. SEWELL, M.P.S.  
A. L. SIMPKIN & CO., LTD., Barley Sugar Works, Sheffield, 6.

MANUFACTURED UNDER SUPERVISION OF QUALIFIED CHEMISTS

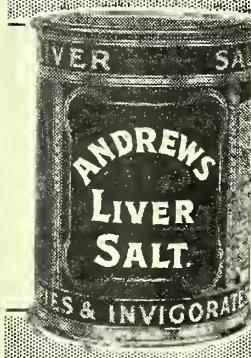
*Do not place your contract  
for*

## Malt & Oil

*before obtaining our prices.*

THE BRITISH DIAMALT CO.  
Malt Product Manufacturers,  
SAWBRIDGEWORTH - HERTS.

IN EVER-  
GROWING  
DEMAND  
9° & 14°



## JONES for METHYLATED SPIRIT

Send your enquiries to

JONES & CO. (METHYLATORS) Ltd., Bow, London, E.3

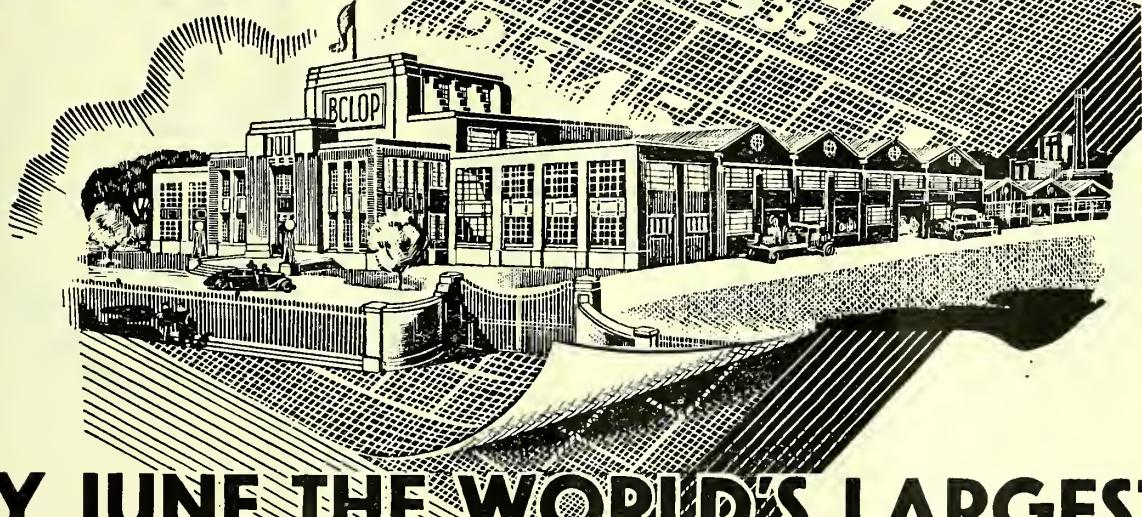
Telegrams: "Methspirit, London."

ALL STRENGTHS IN STOCK  
PROMPT DELIVERIES IN CASKS,  
DRUMS OR TANK LORRY

Telephone: Advance 3210 (2 lines)

# WAIT!

JUNE  
1935



**BY JUNE THE WORLD'S LARGEST  
AND BEST EQUIPPED REFINERY  
WILL BE ABLE TO SUPPLY THE  
WHOLE DOMESTIC MARKET . . .**

*With*

**Superior Medicinal COD LIVER OIL  
at definitely competitive prices**

**Guaranteed Vitamin Potency**

**Advertising under this National Mark**



**BRITISH COD LIVER OIL PRODUCERS (HULL) LTD.  
ST. ANDREWS DOCK, HULL, ENGLAND.**

PARAFFINUM  
LIQUIDUM  
B.P.

HIGH  
VISCOSITY

TECHNICAL  
WHITE  
and  
HALFWHITE  
OILS

WHITE  
PETROLEUM  
JELLY

PHARMACEUTICAL  
AND  
TECHNICAL  
Qualities

**HOLROYD'S**  
OIL & CERESINE COMPANY LIMITED

3 NEW LONDON ST., LONDON, E.C.3.

TELEPHONE: ROYAL 5126-7  
TELEGRAMS: ERRIKOLROY, FEN, LONDON.

**EMULSION  
LACTOBACILLUS  
ACIDOPHILUS**

The most economical  
and efficient form of  
acidophilus therapy.  
Indicated in the  
treatment of intestinal  
stasis.

12 oz. Bottles 4/6

**E. H. SPICER & CO., LTD.**  
WATFORD, HERTS.

**PATENT PHOSPHATES AND  
MERCANDISE LIMITED**

**PURE RICE STARCH CRYSTALS**

4-5 lb. Parcels and  $\frac{1}{2}$  cwt. Cases  
New Pack  $\frac{1}{2}$  lb. Nett weight Packets  
 $\frac{1}{2}$  cwt. Cases

**PURE POWDERED RICE STARCH**

6 FENNEL STREET, MANCHESTER 4

**Customers will be Asking  
for this Skin Ointment !**

**WHITE TAR**

*Brand Ointment (Regd.)*

**FOR ALL SKIN TROUBLES**

Stocked by the leading Wholesalers. Sold in Tins 1/-, 2/- and 5/-.  
Supplies can be forwarded direct per return (post free) and  
charged through usual wholesalers.

**A NATIONALLY ADVERTISED PRODUCT**

TILLOTT'S LABORATORIES, 70 MARSHAM ST., WESTMINSTER, S.W.1



One size only.

Price to Public 4/- each (14 days' treatment).

Trade Price 36/- per dozen.

## The Perfect GENERAL TONIC

*Prepared by the makers of 'Argyrol'*

Ovoferin is a thoroughly stable preparation providing a proper and adequate supply of iron in a truly colloidal condition.

**OVOFERRIN increases appetite.**

**OVOFERRIN is a valuable stomachic.**

**OVOFERRIN is tasteless and odourless.**

**OVOFERRIN does not disturb digestion.**

**OVOFERRIN does not cause constipation.**

**OVOFERRIN does not stain the teeth.**

**OVOFERRIN increases haemoglobin.**

**OVOFERRIN increases red blood cells.**

**OVOFERRIN improves general nutrition.**

**OVOFERRIN will be a regular seller.** It is supported by persistent advertising, circularising and sampling of all the doctors. Special propagandists are also calling on them.

**LINK** up and display a small attractive showcard which is available and reap the full benefit.

# OVOFERRIN

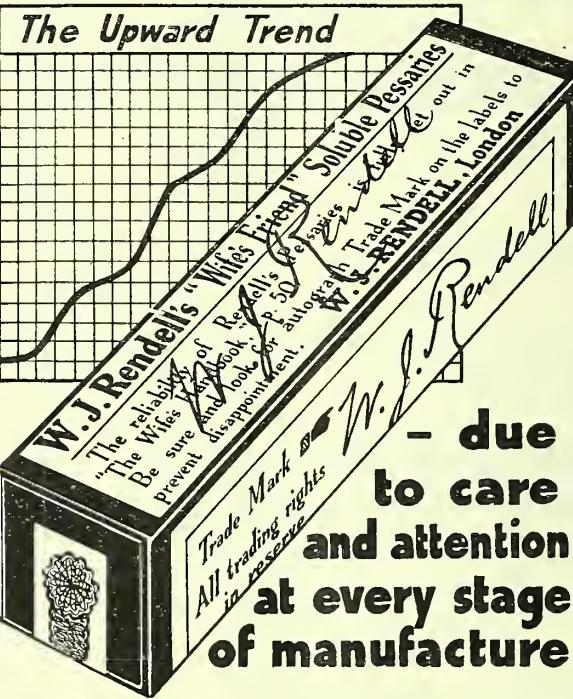
(Trade Mark)

BRAND COLLOIDAL IRON TONIC.

### THE SPECIALISTS' CHOICE

SOLE DISTRIBUTORS:— FASSETT & JOHNSON, LTD., 86 CLERKENWELL ROAD, LONDON, E.C.

# An Ever-Increasing Demand —



The Chemist can be satisfied that he is offering the one contraceptive which sets the standard for purity and efficacy.

The demand is there. Make sure you obtain your full share of this important business.

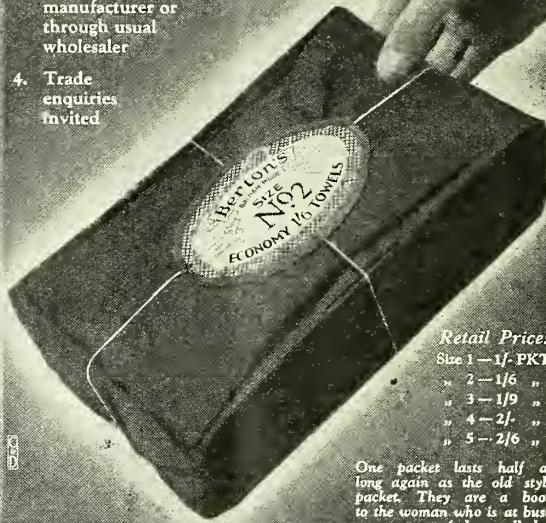


The use of our latest showcards and booklets in conjunction with the sale service now offered is the direct way of increasing sales.

**W. J. RENDELL, LTD.**  
LONDON

## Bertons' Economy Sanitary Towel

1. To be nationally advertised as from July 1st in the leading Ladies' Journals
2. Retail Prices show clear 50% on cost
3. Supplied direct from manufacturer or through usual wholesaler
4. Trade enquiries invited



### Retail Prices

Size 1 — 1/- PKT.
2 — 1/6 "
3 — 1/9 "
4 — 2/- "
5 — 2/6 "

One packet lasts half as long again as the old style packet. They are a boon to the woman who is at business or out of doors all day.

## Arthur Berton Ltd.

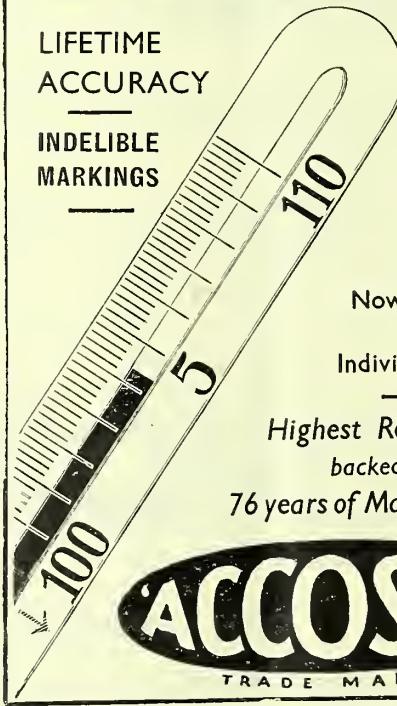
Phones: Clerkenwell 1346-7-8-9  
Wires: "Aybeline, Finsbury, London."

BRITANNIA HOUSE, OLD ST.  
LONDON E.C.1  
MANCHESTER: 28 CHAPEL STREET  
GLASGOW: 20-31 DUKE STREET

# CLINICALS

LIFETIME  
ACCURACY

INDELIBLE  
MARKINGS



EASY TO  
READ

Now Presented  
in  
Individual Cartons

Highest Reputation  
backed by  
76 years of Manufacturing

**ACCOSON'**  
TRADE MARK

A. C. COSSOR & SON (Thermometers), Ltd., London, N.4

DR SCHOLL'S Jubilee  
FOOT COMFORT WEEK

JUNE  
15<sup>TH</sup>  
TO  
22<sup>ND</sup>

## Dr. Scholl's NATION-WIDE FOOT COMFORT WEEK ADVERTISING CAMPAIGN

Dr. Scholl's message of Foot Comfort will be broadcast throughout the British Isles. Whole pages and other large, dominating advertisements will demand attention in every influential paper.

Millions of foot sufferers will read of the Dr. Scholl way to foot health and happiness. At least seven out of ten people suffer from some form of foot trouble. Imagine, therefore, how many foot sufferers in your locality will be seeking the relief Dr. Scholl's Foot Comfort Week Message assures them.

Repeat the message in your window and bring these foot sufferers to you!

### BIG CASH PRIZES FOR WINDOW DISPLAYS

Start NOW to plan the best and most striking Scholl Window Display you have ever made.

The sales-producing power of this year's extensive and dominating Advertising Campaign is the best reason why you should enter for our great Window Display Competition. Your Scholl window will associate you with Scholl Advertising—and bring you profits.

And there are 66 other reasons why you should enter the competition. Here they are :

**1st Prize £25**  
**5 Prizes of £10 10 Prizes of £5**  
**50 Prizes of £1**

It is worth while using all your skill and enterprise to make a striking Scholl window Display. Instal it now—ready for June 15th.

All chemists should now have received a broadsheet giving particulars of how to enter for Cash Prizes together with a streamer for their window. If you have not received yours WRITE NOW to—

### THESE LINES SELL— THEY'RE ADVERTISED

#### Dr. Scholl's ZINO PADS

Special sizes for Corns, Callouses, Bunions, Soft Corns. Wholesale 11/3 per dozen. Retail 1/3 per packet.

#### Dr. Scholl's BUNION REDUCER

Small, medium and large sizes. Rights and Lefts. Wholesale 20/- per dozen. Retail 2/6 each.

#### Dr. Scholl's TOE-FLEX

Straightens the misshapen and misplaced bone formation. Effects permanent correction. Small, medium and large. Wholesale 16/- per dozen. Retail 2/- each.

#### Dr. Scholl's ONIXOL

Safe treatment for ingrowing toe nails and irritation round nail groove. Wholesale 11/3 per dozen. Retail 1/3 per bottle.

#### Dr. Scholl's BATH SALTS

Relieve and soothe hot, tired, tender feet. Wholesale, small 4/-; large 12/-. Retail, small 6d. and large 1/6.

#### Dr. Scholl's WALK STRATES

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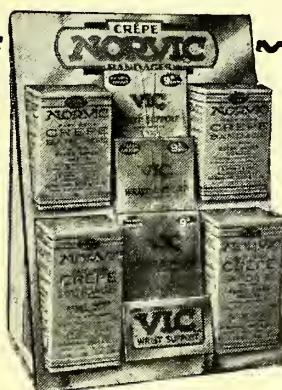
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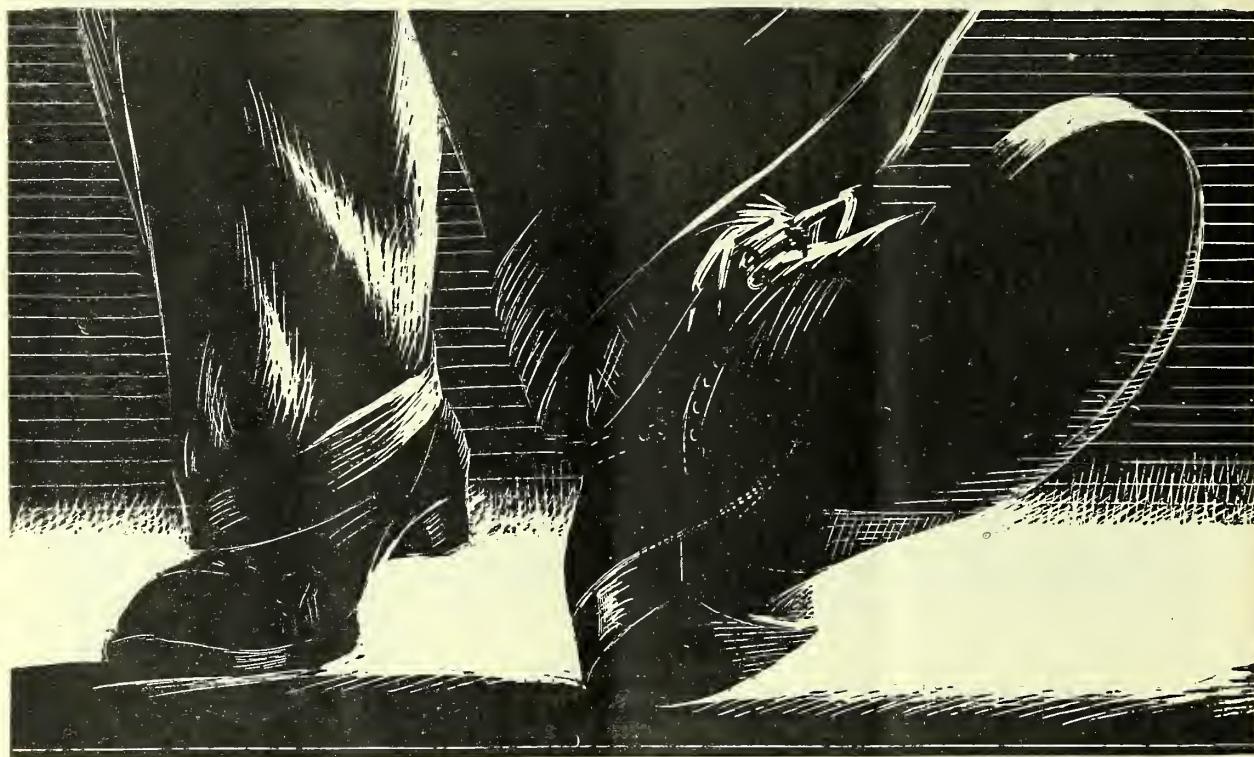


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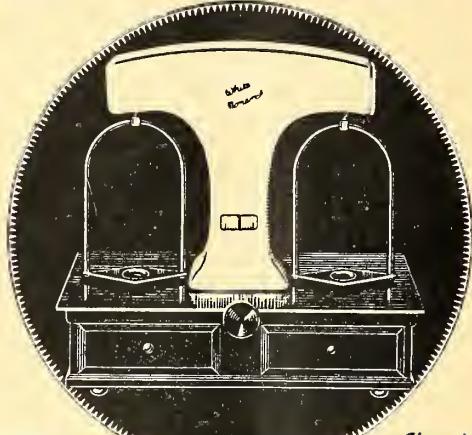
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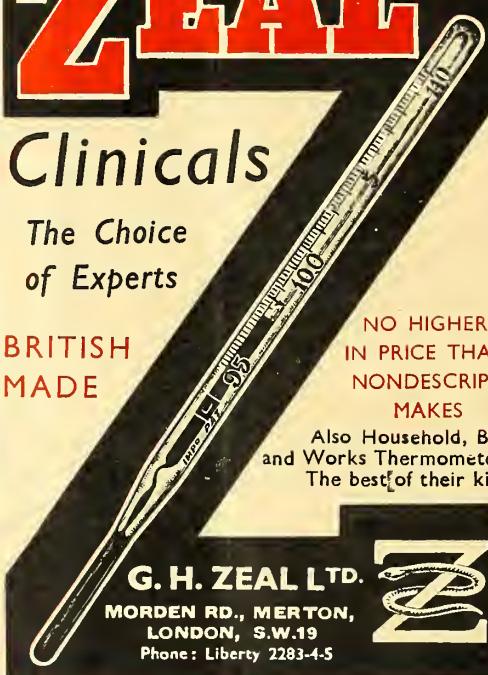
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# The CHEMIST AND DRUGGIST

## SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

JUNE 8,  
1935.

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3.—**WEST NORWOOD**.—Middle-class Retail and Dispensing Business; returns under management, about £18 weekly; very good profits; scope for increase; price about £350, which is considerably less than the value of stock and fixtures.

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5.—**LONDON, N.W.**.—Neglected Business in marketing thoroughfare; established over 100 years; net profit to owner-manager would be about £400 per annum; price £500 for quick sale.

6.—**NORTH LONDON**.—Old-established Business for disposal, owing to ill-health and advanced age; returns last year, £1,477; gross profit 36 per cent.; rent £100; flat let off at £65 per annum; price to be arranged.

7.—**LONDON, S.E.**.—General Retail Business with Post Office; increasing turnover; net profit about £450 per annum; double-fronted shop with eight-roomed house; rent £75, rising to £80; price £1,250, of which £225 can remain.

8.—**ELTHAM (NEAR)**.—General Retail Business on New Estate; returns under management, £14 weekly plus N.H.I.; gross profit 35 per cent. to 40 per cent.; net profit to owner-manager would be £4 10s. weekly; lock-up shop; rent £60, including rates; held on lease; price £225 or near offer.

9.—**KENT**.—Medium-class Retail Business with N.H.I., established 1919; returns last year, £1,147, which produced net profit of £290; flat over, with three bedrooms, etc.; rent £65; open to offers.

10.—**WEST END** Business, with turnover of approximately £5,000 per annum; held on lease; price about £2,500.

11.—**KENT**.—Old-established Business for immediate disposal; returns exceed £1,400 per annum; rent £90, which includes shop and house; price £650.

12.—**ESSEX**.—Good-class Retail and Dispensing Business with Optical connection; returns approach £2,800 per annum; good profits; chartered accountant's figures; new lease will be granted at £130 per annum; stock and fixtures worth about £1,150; price by negotiation.

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15.—**CORNWALL**.—Good Middle-class Business with Optical connection; returns to February, 1935, £1,825, plus Optics £360; gross profit £806; accountant's figures; rent £130; sublet £52; long lease; price about £1,600 or valuation terms entertained.

16.—**HAMPSHIRE**.—Drug Store with Herbal and Surgical trade; returns, 1934, £1,128; gross profit, £488; lock-up shop; rent £110 per annum; 18 years' lease; price £750.

17.—**ESSEX (SEASIDE)**.—Family Retail Business showing steady increase; returns to May, 1935, £1,363, with net profit £335; audited accounts; rent £100 per annum, which includes shop and house; long lease; stock and fixtures worth about £500; price about £750.

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19.—**WORCESTERSHIRE**.—Old-established business for sale on account of ill-health and vendor wishing to retire; returns last year £1,527; gross profit 38 per cent. to 40 per cent.; very good house in picturesque surroundings; new lease will be granted at £100; or the property may be purchased; price required, £200 for goodwill, plus stock and fixtures at valuation.

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6.—KENT (few miles out).—Unopposed Village Business; returns £1,150; net profit £290; rent £65, sublet £48; long lease; stock and fixtures worth £600; price £750 or offer.

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**NORTHAMPTON.**—A Retail Chemist's Business for immediate disposal at a very reasonable price; lock-up shop near the centre of the town; rent £75 per annum, rising to £100; takings average £30 per week. Further particulars from Mr. D. H. Jelley, Incorporated Accountant, Drury Chambers, Market Square, Northampton.

**SOUTH COAST.**—Middle-class Pharmacy; established 7 years; Kodak and all Photographic Agencies; also Cupal and Rexall; N.H.I. Dispensing; in growing district; rent £78; rates £13 per annum; living accommodation, garden, private entrances; suit elderly or progressive young man; turnover for last 4 years: £708, £644, £621, £656; death of proprietor; stock £250 for quick sale; stock, fittings, fixtures, lease, etc.; offers invited. 159/10, Office of this Paper.

**SOUTH-EAST COAST, Health Resort.**—High-class Pharmacy, elaborately fitted and heavily, healthily stocked; mainly season; very suitable semi-retired; maisonette over; returns £1,700; full particulars on proof of means; no agents; satisfactory reasons. Apply 261/462, Office of this Paper.

**SOUTH SHIELDS.**—Old-established Middle-class Business for immediate disposal; increasing returns; Medicated Wines and Kodak; rent £70 per annum, including rooms above; price £800 or offer; owner leaving pharmacy; only wants seeing. Apply "Pharmacist," 19 Frederick Street, South Shields.

**SOUTHEND-ON-SEA.**—Chemists; double-fronted shop, with good living accommodation; low rent; well stocked; trade £20 per week; price £350, all at. Station Estate Office, Prittlewell.

**A**N Excellent opportunity of obtaining London main road Business at stock and fixtures at valuation only; no goodwill; great scope for Optics, which has been started but not fully developed; has done good figures under management. Apply Carter, Chemist, Baron's Court, W.6, or 'phone Riverside 6330.

**CHEMISTS.**—Sacrifice. Chain of Three Profitable Businesses to be Sold at Value of Stock and Fixtures; total price approx. £1,600 or singly; these businesses are steadily increasing; opportunity for young Qualified Chemists. Hampton & Co., 21A Southampton Buildings, Chancery Lane. Hol. 7273.

**DISPENSING and Photographic Business.**—near London; present returns exceed £20 weekly; great scope for increase; low rent and rates; long lease; quick sale desired; price can be arranged at interview. 160/49, Office of this Paper.

**DRUG STORES.**—Old-established; growing district; suit Qualified Man; room for Optics; three surgeries 100 yards; Selo and Kodak; corner shop; rent and rates under £1 per week; living accommodation. Hoyle, Mill Hill, Blackburn.

**EXCELLENT Little Business for Sale.**—good position, N. London; doing about £26 weekly; nicely fitted; well stocked; 6 rooms; side entrance; little Optics; plenty of scope; price £750; low rent; good lease. 157/4, Office of this Paper.

**OPPORTUNITY.**—Chemist's Business, Harrow, for immediate disposal; good living; house attached; about £1,000. P.C.B. 166/18, Office of this Paper.

**RETAIL and Dispensing, Dorset.**—good house, garden at rear, lease 15 years to run; rent £120; rates £39; average returns £1,850; price settled after visit. "Senna," c/o Evans Sons Lescher & Webb, Ltd., 50 Bartholomew Close, London, E.C.1.

## BUSINESSES WANTED.

**REQUIRED** immediately, six substantial Businesses in London or Home Counties; turnover £2,500 per annum up to any amount (the larger the better); good prices will be paid for suitable propositions, which can be purchased forthwith. Prospective vendors are invited to communicate in strict confidence with Ernest J. George & Co., 329 High Holborn, W.C.1.

## PREMISES TO LET.

**SIDCUP/NEW ELTHAM.**—Opening for Good-class Chemist in recently completed parade of ten new shops and upper parts; seven already let to Brunshaws, Ltd., Multiple Tobacconists, Robins Stores, Ltd. (2 shops), Multiple Grocers, Fruiterer and Greengrocer, Butcher, Ladies' Hairdresser, Baker and Pastrycook; frontage 20 ft., depth 30 ft.; lavatory accommodation, yard and rear entrance; self-contained flat over of three rooms, fitted kitchen and bathroom, w.c.; £150 p.a.; several estates adjoining now being developed. Sole Agents: Healey & Baker, 29 George Street, Hanover Square, W.1. Mayfair 2965.

**WORTHING.**—New Parade of Shops in main road; populous and rapidly growing district; excellent opportunity to establish a new business or open branch; little opposition; large shop and excellent living accommodation; rent £125 p.a.; owner will supply shop front and fittings by arrangement. Apply Daniels, 11 Montague Place.

## AGENCIES.

**BRITISH** Company about to market exclusive lines of direct appeal to Chemists is open to appoint sole distributors in areas where not at present represented; sole selling rights will become very valuable and add profitable and expanding arm to established business; a first-class opportunity is presented by these products, and distributors are requested to pass full particulars of area covered, number of travellers and how often journeys made. 261/463, Office of this Paper.

## SALE BY TENDER.

**WE** are instructed by the Receiver for the Debenture Holder to offer for sale by Tender the Stock of Drugs, Bottles, Cartons, printed matter, Containers and finished stock of a Manufacturing and Analytical Chemists business for removal, together with the Fittings, Machinery and Motor Delivery Van. The estimated value of the foregoing as a going concern is about £1,500. In addition there are book debts estimated to produce £450. Forms of tender and further particulars can be obtained from Orridge & Co., 56 Ludgate Hill, London, E.C.4.

## SITUATIONS OPEN.

## RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**B**ATH.—Young Qualified Lady Chemist required immediately, permanency, to take charge of small Chemist's business; Dispensing and Counter trade. Full particulars, wages required, experience, etc., state age, Thomson's Cash Chemists, Ltd., 10 Charlton Buildings, Twerton, Bath.

**B**RIGHTON.—Young Qualified Assistant wanted for good-class business; Lady or Gentleman; state wages required, moderate. 159/9, Office of this Paper.

**H**EYWOOD.—Qualified Manager wanted for small neglected branch; usual Lancashire Mixed Business; permanency. State full usual particulars to Jacques, Chemist, York Street, Heywood.

**H**OVE.—Smart Qualified Manager (30-40); used good-class trade; willing work up sadly neglected; good Window-dresser; highest references; end June; full particulars first letter, photo; £4 to £5 week. Baynard, 40 Colbourne Road, Hove. Interview later if considered.

**L**ANDUDNO.—Unqualified Lady Assistant (25-30) wanted at once for Dispensing, Counter and Photographic Sales; must be of good appearance and height; permanency; fullest particulars in first application. Miss Horniblow, M.P.S., 4 Queen's Buildings, Llandudno.

**L**ONDON.—Qualified Assistant required; easy hours; suitable for middle-aged man. Full particulars to 159/400, Office of this Paper.

**L**ONDON.—Wanted, Qualified Branch Manager, Lady or Gentleman; middle-class business; experienced at Counter and Window-dressing; age, experience and salary required; interview if possible; all replies unanswered in 4 days respectfully declined. Venables, 211 King Street, Hammersmith.

**L**ONDON AND IMMEDIATE SUBURBS.—Locums required immediately for four months, with strong possibility of permanency. 159/4, Office of this Paper.

**L**ONDON, E.—Assistant (Qualified preferred, but not essential) for Middle-class Retail and N.H.I. Dispensing; for about 3 months during holidays; possible permanency; give full particulars of experience, names of references, when disengaged, age and salary expected. Apply (letter only) "Pharmacist," 300 Amhurst Road, London, N.16.

**L**ONDON, E.1.—Unqualified Assistant (male) required for Counter and Dispensing; must be thoroughly experienced and used to brisk trade, conscientious and fully trustworthy; permanency if suitable. Telephone Royal 3392 for interview.

**L**ONDON, S.W.—Assistant (about 25) wanted, with knowledge of Proprietary Medicines and Toilet Goods, for Drug Department Stockroom. Write, stating full particulars and experience, Box 408, Sells Ltd., 14 Lancaster Place, Strand, W.C.2.

**L**ONDON (W. SUBURB).—Junior or Improver required immediately for Chemist-Opticians; knowledge of Optics not essential. Apply 159/401, Office of this Paper.

**M**ANCHESTER.—Qualified Branch Manager required for working-class district; permanency for reliable and capable Chemist; state full particulars and salary required; applications not answered within 7 days gratefully declined. Apply "Statim," 160/35, Office of this Paper.

**N**ORTH LONDON.—Assistant, locum, for fortnight from June 17th to 29th; Dispensing and quick Cash Business; age, salary and particulars of experience. 160/43, Office of this Paper.

**O**LDHAM.—Qualified Chemist; state age, salary, experience and when available; must be quick and obliging. 160/16, Office of this Paper.

**A**SSISTANT (about 26) required; capable Dispenser; accustomed to high-class business, Agriculture, Photography; married man to occupy premises over pharmacy; state full particulars of experience, age, height, salary required, photo if convenient, references (which must be undeniable). Gwillim, Chemist, Brecon.

**A**SSISTANT for Photographic Dealer's Depot; full knowledge of Cameras and Equipment; season; commence at once; full particulars and wages required. Cleeves, Ltd., 60 High Street, Bognor Regis.

**A**SSISTANT wanted, Qualified, Gentleman or Lady; permanent; early date; quick, accurate Dispenser and Counterman; able to take charge at times; state age and references. 160/32, Office of this Paper.

**B**RANCH Manager required; must be good Prescriber and Window-dresser; permanency to suitable applicant; flat available; please send full particulars as to qualifications, experience, age, salary required, when free and references; experience in Optics an asset. Apply General Manager, Woodlands Chemists, Ltd., 34-40 Ludgate Hill, E.C.4.

**C**APABLE Unqualified Assistant wanted; good-class Dispensing experience essential; permanency to suitable man. Apply, giving references and stating full particulars of experience, age, height and salary required, to Giles & Son, Guildhall Street, Folkestone.

**I**MMEDIATELY.—Unqualified Gentleman for season; South Coast; quick, accurate Dispenser, good Counterman; fullest particulars, age, height, salary, references; application not acknowledged within 10 days respectfully declined. 159/21, Office of this Paper.

**J**UNIOR, for season, view to permanence; capable Dispenser and Window-dresser, used to good-class light Retail. Particulars of experience, etc., and salary expected, to Wood, Chemist, Broadwater, Worthing.

**J**UNIOR or Improver (male) at once; must be able to Dispense and have knowledge of Photography; live out; medium-class district. Full particulars as to wages required, references, and when disengaged to Turner, 75 All Souls' Avenue, Harlesden.

**L**ADY Assistant, Qualified; permanency; from July 1st; Dispensing, Counter and Window-dressing. Apply J. & C. J. Downing, 257 Archway Road, Highgate, N.6.

**L**ADY Assistant, Unqualified, immediately, until October, seaside town; Counter and Dispensing. Full details, references and salary required (photo if possible), J. B. Francis, Chemist, Tenby.

**L**ADY Assistant (Unqualified) required for one month from June 24 to July 20; no Dispensing. Write, stating particulars, references and salary required, to "Chemist," 340 Harrow Road, W.9.

**L**OCUM, Qualified; August 19th-31st, inclusive; Lady preferred; London, S.E. 261/461, Office of this Paper.

**L**OCUM, Qualified, for July (3 or 4 weeks); London, S.E.; Light Retail and N.H.I. Age, wages and when free to P.C.B. 166/23, Office of this Paper.

**L**OCUM, Qualified, Lady or Gentleman, for single-handed Pharmacy; no Sundays; for 4 weeks starting June 17; state age, wage, experience, etc.; good references essential; Middlesex. 161/10, Office of this Paper.

**L**OCUM required; good-class pharmacy; June 18th to July 5th, inclusive. Apply at once, with copies of testimonials and photo if possible, stating age, salary required for the period, W. J. Cowie, Chemist, Mount Road, Birkenhead.

**M**ANAGER, immediately, young, to work up new business in Surrey; good-class trade; salary and commission on turnover. Full particulars in first letter and photo to 160/19, Office of this Paper.

**M.P.S.**, LONDON, S.W.: young Gentleman as General Assistant and Dispenser for a good-class pharmacy; required July 1st; exceptionally short business hours. Full details and salary to 161/4, Office of this Paper.

**P**HARMACY.—Female Assistant required; must have had general Pharmaceutical and Shop experience. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 148 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." Widows and single persons only considered. NOTE.—Canvassing of members of the General Committee or Officials will disqualify.

## PHOTOGRAPHS, TESTIMONIALS, &amp;c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

**Q**UALIFIED Assistant wanted (either sex) for London, W., district; about June 17. Please send full particulars with first letter to 160/50, Office of this Paper.

**Q**UALIFIED Chemist wanted at once; single; indoors; send usual particulars, with references, in first letter and photo. A. Thresh, 4 Spring Gardens, Buxton, Derbyshire.

**Q**UALIFIED; experience as Manager essential; permanency. References and full particulars to G. J. Lusher Pentney, 98 Queen's Road, Dalston, E.8.

**Q**UALIFIED Lady Dispenser required; must be an efficient Dispenser and able to assist at Counter; send recent references and photograph if possible; also state salary required. W. H. Green (Chemists), Ltd., 28 Earl Street, Coventry.

**Q**UALIFIED Lady for Dispensing and to assist opening pharmacy in Cumberland (temporary); state when disengaged, age, wage, etc. 160/54, Office of this Paper.

**Q**UALIFIED Lady required for Counter and Dispensing; market town 25 miles from London; state experience, salary, etc. Richards & Bowring, Ltd., The Pharmacy, Wickford, Essex.

**Q**UALIFIED Locum; commence June 17th; experienced, capable; must have good references; state salary required. 160/17, Office of this Paper.

**Q**UALIFIED Locum required as Manager for three months from June 17th; lady preferred; experience and good references essential; state salary required. Apply McNee, Chemist, 114 Churchfield Road, Acton, W.3.

**Q**UALIFIED Locum required from June 21st to July 11th for Co-operative Pharmacy. Apply 261/460, Office of this Paper.

**Q**UALIFIED Male Assistant; Croydon district; Dispensing and Counter work; young and good appearance; full particulars, including salary required; commence June 24th. 158/2, Office of this Paper.

**Q**UALIFIED Manager or Manageress to take full charge of single-handed Pharmacy, Middlesex; no Sunday, 1 o'clock Wednesday; with view to early purchase; good living, with prospects; has been under lady management for past 3 years; applicants must be well recommended; start June 17; state wages; no stamped envelopes, please. 161/100, Office of this Paper.

**Q**UALIFIED Manager required for small High-class Family Business 17 miles London; young, single; must be keen and have good Dispensing experience; preference given to applicant wishing to invest small capital and take an active interest in the business. 159/17, Office of this Paper.

**Q**UALIFIED M.P.S., J.C.Q.O.; Senior Assistant (about 25); possessing good general experience; must be competent Refractionist. State full particulars first letter, salary existing and required, married or single, when disengaged, height and enclose recent photo to Principal, Body's Pharmacies, 165 High Street, Southend-on-Sea.

**R**Eliable Junior (Unqualified) required immediately for summer months; applications not answered in three days are declined. Wootton & Webb, Ltd., 20 George Street, Luton.

**R**EQUIRED, Qualified Chemist to act as Superintendent; suit elderly Gentleman; Coast (South); very easy hours; salary, etc. 160/29, Office of this Paper.

**S**EASON Assistant required until middle of September; Gentleman; Unqualified or passed Part I; good experience in Dispensing and Counter Work and knowledge of Photography essential; applications unanswered in 7 days declined with thanks. Hoare, Pharmaceutical Chemist, Cromer.

**U**NQUALIFIED Assistant as Holiday Relief; Monday, July 1st, to Saturday, July 13th, inclusive. Age, salary and reference to "Southend-on-Sea," 261/457, Office of this Paper.

**U**NQUALIFIED Assistant required at once for Clerical Work in Dispensary in Central London; salary £2 per week, with lunch and tea. State age and experience in own handwriting to 153/44, Office of this Paper.

**U**NQUALIFIED Junior or Improver wanted immediately; apply giving particulars of experience, salary required, etc. Also Unqualified Holiday Relief for August, for North-West London district. 160/11, Office of this Paper.

**U**NQUALIFIED Assistant required immediately for London; capable Dispenser, good manner with customers, able to Dress Windows. Apply 261/465, Office of this Paper.

**U**NQUALIFIED Male Assistant required; must be good Window-dresser, quick and reliable Dispenser. Write, stating salary required and enclosing recent photo, with stamped addressed envelope for return, to Bates & Farmer, Ltd., 146 Ladbroke Grove, W.10.

**W**ANTED at once for summer season in first-class seaside business, a Gentlemanly Unqualified Assistant (about 25 years) for the Photographic Counter; must be of courteous and tactful demeanour; capable in the handling and demonstration of all styles of cameras; in first letter give full particulars, age, height, experience and salary required. Enclose recent testimonials and photo to Bayley's, Pier Avenue, Clacton-on-Sea.

**W**ANTED at once for the West Riding Yorkshire, Qualified Lady or Gentleman; smart, young, and good Counter experience. Apply, stating full particulars and salary required, to 160/5, Office of this Paper.

**W**ESTMACOTT & SON, Manchester, want Qualified Assistant, if possible with London experience; smart Salesman; state age, experience and salary. Apply by letter only, 17 Market Street.

**Y**OUNG Lady Assistant required for August 1st to 17th, or near; Unqualified, but with Dispensing experience; good Counter Hand; permanency considered to suitable applicant; state age, experience, salary and references. Sidney Smith Pharmacy, Borough Green, near Sevenoaks, Kent.

**Y**OUNG Lady to assist Fancy and Chemist Departments; previous experience in a Retail Chemist's essential; branch shop. Apply Bewells, Ltd., 19-21 Pitfield Street, N.1.

## WHOLESALE.

### REPRESENTATIVE REQUIRED.

with own car, with an established connection with chemists South and East Counties to carry heavily advertised shampoo marketed by well known manufacturers. This will be a full time position to be filled by a good man. Write fully and enclose a recent photograph. State age, experience and remuneration expected. Box 441, Greenly's, 5 Chancery Lane, London, W.C.2

**A**. L. SIMPKIN & CO., LTD., require another experienced Salesman owner-driver, roomy car, to take over and extend one of their important London divisions, sell from car; must know London and Home Counties; good money easily earned by active man who can work to plan. Sales record and references to Lion Warehouse, 51 Belvedere Road, S.E.1.

**F**IRST-CLASS Representative wanted for a new Chemical Product with big possibilities; connection with Retail Chemists and Stores and Wholesalers essential. Write Box No. 587, c/o Pool's, 180 Fleet Street, E.C.4.

**P**ILLS AND TABLETS.—Required a Competent Man for first-class work; able to take control. Apply, stating age, experience and salary required, to Lofthouse & Saltmer, Ltd., Hull.

**P**OWDER PUFFS, SPONGE BAGS, ETC.—Agent wanted, calling on Best to Medium Retail Stores; commission only. 158/1, Office of this Paper.

**R**EPRESENTATIVE required to carry a Nationally Advertised Article on commission basis only. Full particulars of area covered and other lines covered to 261/456, Office of this Paper.

**S**URGICAL DRESSINGS AND DRUGGISTS' SUNDRIES.—Representative required by progressive Wholesale House to work Scotland; applicants must have good connection among Chemists, especially in and around Glasgow. Applications in strictest confidence to 157/6, Office of this Paper.

**Y**OUNG Qualified Chemist, not afraid of work, required in Laboratory of Wholesale House; good opportunity to become acquainted with routine of wholesale; state age, experience and salary expected. P.C.B. 166/20, Office of this Paper.

## SITUATIONS WANTED.

## RETAIL (HOME).

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**A.A.** —LOCUM, Assistant, Senior; Photography; tall, unregistered; disengaged; London and provincial high-class experience. "Mac," Wootton-under-Edge, Glos.

**A**S Locum or Temporary Assistant, Male; at liberty until July 12th; excellent references; London and Provincial experience; abstainer. "H. G.," 42 Alexandra Road, Southampton.

**A**S Manager; 14 years' experience in Management; neglected business welcomed. "M.P.S.," 26 Market Street, Brighton.

**A**SSISTANT, Unqualified; experienced Dispensing Counter, Photo-graphics; part time or permanency, locum; disengaged. Write, "C. G.," 2A Yalding Road, Bermondsey, S.E.16.

**A**SSISTANT (20); height 5 ft. 1½ in.; Unqualified; just finished apprenticeship; knowledge of Photography, Dispensing, Counter; East Coast preferred; for season. 153/7, Office of this Paper.

**A**SSISTANT (26), Unqualified, desires change; at present engaged in West End Pharmacy (4 years); Counter, Dispensing, Window-dressing, Photographic; excellent references. D. Vaughan, 167 Prince's Avenue, Kingsbury, N.W.9.

**A**SSISTANT (26), Unqualified; 7 years' experience London and Provinces; free now; anywhere. Rowe, 100 Newfoundland Road, Cardiff.

**B**RISTOL.—Improver, Part I (21); free June 17 to September 7. 83 Thingwall Park, Fishponds, Bristol, 5.

**C**HEMIST, 18 years' experience all branches, desires permanency, with living accommodation preferred. 261/458, Office of this Paper.

**E**VENINGS, Qualified (age 49); London; experienced all branches, including Optics. "F.S.M.C.," 252 Barry Road, S.E.22.

**E**XPERIENCED Qualified Chemist and Optician (35) who has disposed of own successful business requires position until September 14; salary £6. 160/25, Office of this Paper.

**I**MMEDIATELY.—Unqualified (29); undeniable references; last situation 8 years; quick all-round experience; London district; period. "R.," 31 Mornington Crescent, N.W.1.

**J**UNIOR, Unqualified, male; 4 years' experience in high-class Pharmacy; free June 9-September 18. 160/52, Office of this Paper.

**L**ADY Assistant (Hall); good experience Dispensing, Counter, Window-dressing; good references. Hailey, 7 Chimes Avenue, N.13.

**L**ADY Dispenser-Secretary desires post with Doctor; experienced; Hall qualification; Shorthand or Typewriting, Book-keeping and Accounts. 160/13, Office of this Paper.

**L**ADY Dispenser desires post; Hall certificate; Brighton or near; part or full time. 8 Prestonville Road, Brighton, 1.

**L**OCUM, disengaged June 8; thoroughly experienced; competent; obliging; highest references; reasonable terms. "Chemicus," 56 Rudloe Road, Balham, S.W.12.

**L**OCUM, first-class; reliable, experienced service; ex-proprietor; dates free, June, July; strict probity; first-class credentials. "Chemist-Optician," c/o Wilkinson, Chemist, Manchester, 10.

**L**OCUM or Manager, Qualified; disengaged (age 38); 14 years own business; reference Woolley's, Manchester. Julius Levy, M.P.S., 18 King's Road, Sedgley Park, Manchester.

**L**OCUM or Permanency; Unqualified (45); Dispensing, Counter, Photographic, Prescriber, Surgical; excellent references. "A. B.," 2 Walham Grove, Fulham, S.W.6.

**L**OCUM.—Qualified Chemist-Optician, J.C.Q.O., etc., experienced, seeks responsible position 2 weeks, late June or any time July; country or coast. A full-time Manager foregoing holidays, but desires short change of environment; will work; highest references. 162/2, Office of this Paper.

**L**OCUM, Qualified; disengaged July 12; highest references; fully experienced. Jenkins, 12 North Parade, Bath.

**L**OCUM, Qualified, Reg. N.P.U.; elderly, active, sound judgment; conscientious services; free June 21-28, September 8-28. Thialion, 76 Lincoln Road East, Peterborough, Northants.

**L**OCUM, Qualified (39), tall, all-round experience, desires engagements July to September; Midlands or London area. 160/46, Office of this Paper.

**L**OCUM (48), Qualified; free on July 6th; or permanency with high-class firm considered; West End experience; active; teetotal. Elliott, 477 North Circular Road, N.W.2.

**L**OCUM (34), Qualified; June 24 to July 20; London only; excellent references. Leonard, 46 Clapham Road, Stockwell.

**L**OCUM (32), Qualified; Yorkshire; June 7 to July 13; moderate inclusive terms. Chemist, 12 Newlands Avenue, Scarborough.

**M**ANAGER, Qualified; reliable and experienced in all duties; good references; abstainer; London only. 160/12, Office of this Paper.

**P**HARMACIST (23), tall, desires position in good-class Pharmacy, conveniently S.E. London; good references and experience; reliable and industrious. 161/8, Office of this Paper.

**Q**UALIFIED Chemist and Optician, thoroughly experienced in both, Refraction Hospital trained, with sense of responsibility and business interest, requires post in about 3 months' time as Manager or Senior (age 32); Optical stock and equipment if required; South of Thames or W. Country. 153/33, Office of this Paper.

**Q**UALIFIED (25); all-round experience, including knowledge of Optics; West of England or Wales preferred; free one month. 161/3, Office of this Paper.

**Q**UALIFIED (37), London, Continental and provincial experience, desires permanency or locum; moderate salary; free one week. "Chemist," c/o Pharmaceutics, Empire House, St. Martin's-le-Grand, E.C.1.

**Q**UALIFIED (30), married, desires change in about 2 months' time; W.R. Yorks; at present managing; excellent references. 161/5, Office of this Paper.

**Q**UALIFIED (26) requires Locum or Assistantship; commence July 1; experienced. 160/22, Office of this Paper.

**S**OUTH OR SOUTH-WEST ENGLAND.—Qualified (24) seeks situation as Manager or as Assistant in position of responsibility; capable and conscientious, with good-class Dispensing and Counter experience. 159/3, Office of this Paper.

**S**OUTHEND-ON-SEA preferred, but other localities considered; M.P.S. (29); really thoroughly experienced in all branches; as Manager or Senior Assistant; present post 2 years; requires permanency. 160/10, Office of this Paper.

**U**NQUALIFIED (bachelor), long experience sole control; good Prescriber, Counter; part-time, whole, relief or locum; indoors or outdoors; anywhere; small salary; any capacity. John Heely, 259 Underhill Road, East Dulwich, S.E.

**U**NQUALIFIED; good, all-round experience Provincial and West End; good references; permanency preferred; free by arrangement. 160/1, Office of this Paper.

**U**NQUALIFIED (28) desires change; 10 years' experience Dispensing, Window-dressing; smart Counter; salary 45s. Blackburn, Aruba House, Burnopfield.

**U**NQUALIFIED (25; height 5 ft. 10 ins.) seeks change; experienced all branches; London preferred. 157/5, Office of this Paper.

## NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

## WHOLESALE.

A S Toilet Perfumery Salesman, well known Wholesale, Stores, Chemists, offers service. D., 41 Holland Road, W.14.

EXPERIENCED Representative, resident in Edinburgh; exceptional connection Medical, Institutions, Dentists, Pharmacists in Scotland. "Salol," 26 Shandwick Place, Edinburgh.

REPRESENTATIVE, London district, disengaged, wants to join good London house of Wholesale Chemists and Druggists; could bring along good connection of personal customers, Chemists and Doctors; own car. P.C.B. 166/15, Office of this Paper.

REPRESENTATIVE, 16 years' sound connection Chemists, Hair-dressers, etc., Eastern Counties, good appearance and address, desires to represent Manufacturing or Proprietary House. "N.I.", 69 Friern Road, London, S.E.22.

SCOTTISH Agent desires lines for Chemists and Stores; good connection; car; expenses and commission. 155/9, Office of this Paper.

SUCCESSFUL Drug and Toilet Representative (34) desires sales position with reliable company; valuable connection London, South Coast; exceptional references; fidelity bond; car owner. McDonald, 16 Rowley Avenue, Sidcup.

TABLETS, PILLS.—Disengaged, young, seeks position, London; good knowledge and experience. Glynn, 13 Banville Grove, London, S.E.16.

TO MANUFACTURERS.—Do you require a man who can really sell to London Chemists, Hairdressers and Stores? Write P.C.B. 166/16, Office of this Paper.

TRAVELLER with sound connection requires additional reputable line for Chemists. Particulars to R. A. Bick, 75 Stockton Road, Newport, Mon.

WELL-KNOWN Representative with sound connection Home, Southern and South-Western Counties. Retail experience, own car, seeks further engagement. 161/16, Office of this Paper.

## FOR SALE.

(Articles to the value of £5-£50.)

NATIONAL Cash Register; bargain; adds cash, prints details; perfect order; must sell. Write R. Brett, 735 High Road, E.11.

WHOLE Optical Set Trial Case, Flash Sign, Frames, Chart, etc.; all new; £8. 159/6, Office of this Paper.

## MISCELLANEOUS.

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

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